



CLEO EEI

Technical Reference Manual Application Program Interfaces (API)

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Introduction

Application Program Interfaces (APIs) are available to perform Cleo EEI operations through a command level interface, without requiring the use of Cleo EEI menus. Other APIs are used to perform various utility functions, such as saving/restoring message classes and producing reports. Most APIs may be called from a command line or included in a user program.

For each API, an explanation of the command's use/purpose is presented before its panels are displayed (some require two, three, or four pages to present all of the required and optional parameters).

Panels are displayed in this manual with the **All parameters**, **Additional parameters**, and **Keywords** options taken. Immediately following the API's panels are its parameters (or, command options) as below.

Parameter name KEYWORD – The description of this parameter.

Possible values:

*AVALUE	Special values are preceded by an asterisk.
*DEFAULT	The default value is bold and shaded.
*ZVALUE	Another special value.
A value	A value.

Not all parameters with a list of possible values have a default value.

Many commands perform similar functions for different types of data. For example, saving data may be done for trading partners, message classes, file sets, etc.

These similar commands share many common options, which are merely listed for each command with a note referring you to the appropriate "Shared Parameters" pages near the end of this manual for a description of that option. Any variations from that general description unique to each API are noted following the reference to the "Shared Parameters" section.

Operational APIs

Operational APIs are commands that may be used to perform data analysis, translation, communications, and functional acknowledgement operations.

Two types of commands are provided for most of these functions:

- One type submits jobs to a job queue and may be used interactively from a command line.
- The other type all end with “(B)” and can only be used within a batch program. They do not submit jobs, but they do provide return codes to the batch program in the form of escape messages, which may be monitored in the batch program (refer to the *OS/400 CL Programmers Guide, SC21-8077*, for information on monitoring for messages). The specific messages that may be sent are listed at the end of this manual in the “Error Messages” section.

Variations on PRINTSED and PRINTMSR commands

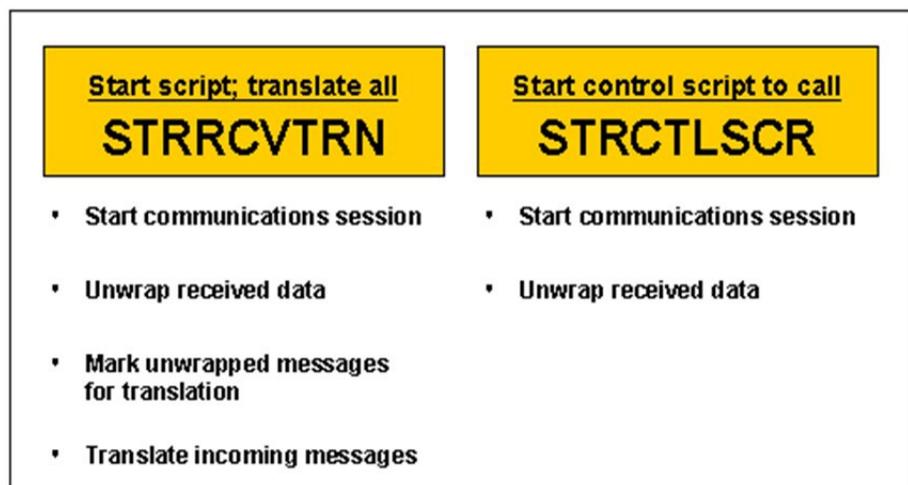
Three commands – PRINTSED01, PRINTSED02, and PRINTMSROV – allow for creating spool files with names that identify the message details printed in them.

Note: PRINTSED01 produces the *BASIC report, while PRINTSED02 produces the *FULL report.

Incoming (standard-to-application) EDI

The following diagram shows the sequence of operations for receiving and translating incoming (standard-to-application) data and the APIs that may be used to perform these operations.

While the **Start script; translate all** command (STRRCVTRN) performs all four operations, the **Start control script to call** command (STRCTLSCR) performs only the first two



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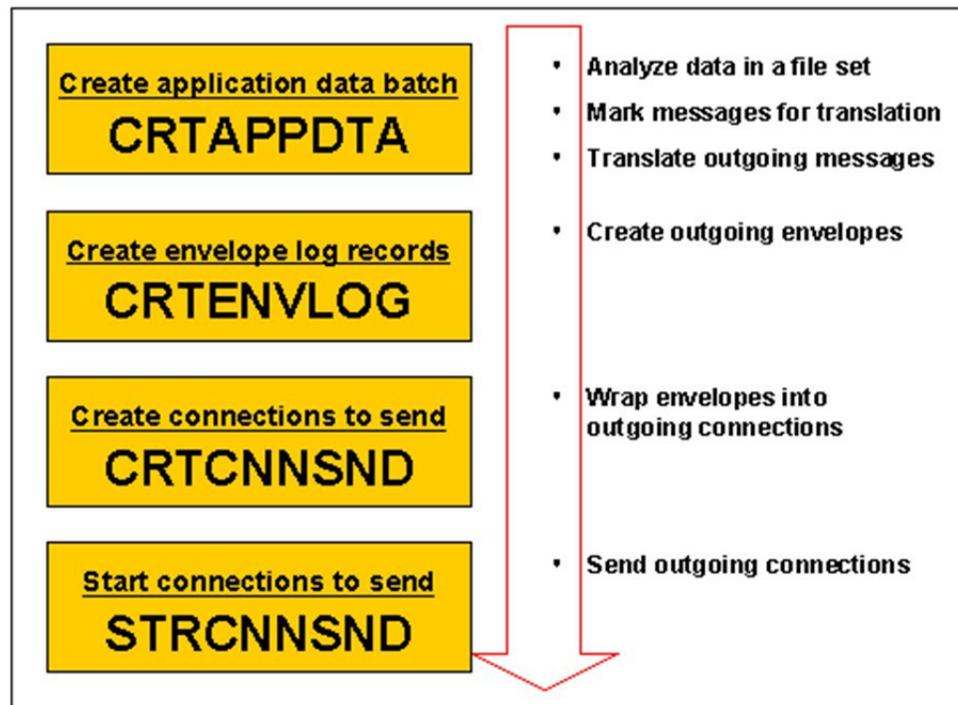
- Use the **Start script; translate all** command (STRRCVTRN) to initiate a network session and translate or schedule a translation job for any data received.
- Use the **Start control script to call** command (STRCTLSCR) to initiate a network session and only analyze data received during that connection.

Note: When these commands are used, translation jobs may be manually specified from the **Work with connections** panel, the **Work with interchanges** panel, the **Work with groups** panel, or the **Work with messages** panel after the network session has completed.

Outgoing (application-to-standard) EDI

The following diagram shows the sequence of operations for outgoing (application-to-standard) data and the APIs that may be used to perform these operations.

Each command performs its own bullet point(s) and optionally performs one or more of the functions of the command(s) beneath it



- The **Create application data batch** command (CRTAPPDTA) always performs the first three operations, and optionally creates the envelopes, wraps them into connections, and sends the connections to the appropriate networks.
- The **Create envelope log records** command (CRTEENVLOG) creates the envelopes for outgoing data that has been translated only, and optionally wraps and sends the connections.
- The **Create connections to send** command (CRTCNNNSND) wraps already created envelopes into connections, and optionally sends the connections.

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- The **Start connections to send** command (STRCNNSND) sends already created connections to the appropriate networks.

Note: A selection of available commands and command options is provided to accommodate varied user requirements.

The following examples illustrate some of the practical combinations of outgoing commands.

The first three examples start with this premise: there are many outgoing applications, any or all of which might have data to be sent to a number of trading partners using a number of networks within one processing cycle.

Example 1: The number of groups, interchanges, and network connections is to be minimized.

-
1. Execute the **Create application data batch** command (CRTAPPDTA) for each application file set that may contain data.

Use the defaults for the Create envelopes immediately, Wrap for Network(s), and Send to Network(s) parameters, which will stop the process after the translation of each application data batch.

No group or interchange records will be created at this time.

Example 2: Each group is to be in a separate interchange. The number of network connections is to be minimized.

-
1. Execute the **Create application data batch** command (CRTAPPDTA) for each application file set that may contain data for outbound processing.

Specify ***YES** for the Create envelopes immediately parameter and use the defaults for the Wrap for Network(s) and Send to Network(s) parameters, which will stop the process after group and interchange envelope data is created

for each application data batch.

2. Execute the **Create connections to send** command (CRTCNNSND) with defaults for all selections, and with ***ALL** specified for the Send to Network(s) parameter.

This will assemble all interchanges into connections for the appropriate networks, and initiate a communications session to each of these networks.

Example 3: The connections are not to be sent until some time after they are created.

-
1. Execute the **Create application data batch** command (CRTAPPDTA) for each application file set that may contain data.

Use the defaults for the Create envelopes immediately, Wrap for Network(s), and Send to Network(s) parameters, which will stop the process after the translation of each application data batch.

No group or interchange records will be created at this time.

-
2. Execute the **Create envelope log records** command (CRTENVLOG) with defaults for all selections, and with ***ALL** specified for the Wrap for Network(s) parameter and ***NONE** for the Send to Network(s) parameter.

All translated messages will be assembled into the appropriate groups and interchanges, and the interchanges will be assembled into connections for the appropriate networks.

The communications sessions with these networks will not be initiated.

-
3. When you wish to send these connections to the networks, execute the **Start connections to send**

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command (STRCNNSND) with ***ALL** specified for the Send to Network(s) parameter.

The fourth example assumes that data for a single outgoing application has been placed into the interface files.

Example 4: You want to translate this data for all trading partners and immediately send it to the appropriate networks.

-
1. Execute the **Create application data batch** command (CRTAPPDTA) for this application file set.

Use ***YES** for the Create envelopes immediately parameter and ***ALL** for both the Wrap for Network(s) and Send to Network(s) parameters.

The data in the application data batch will be translated, group and interchange envelopes will be created, and the interchanges will be sent to the appropriate networks.

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C

CHGENVNAM Change Cleo environment name

Cleo EEI always uses the library list to locate database files and other objects specific to each environment. The CHGENVNAM command allows the environment name to be differentiated in each files library.

Besides appearing in the heading of every Cleo EEI report, the environment name is displayed in the upper left corner of Native OS/400 panels.

In this example, the environment name TEST BOX is displayed on a Native OS/400 panel.

```

TTPEF1R                      Work with trading partners                      4/06/01 11:27:30
TEST BOX
Pos: _____

Type options, press Enter.
  2=Change  3=Copy  4=Delete  5=TP Groups  6=Print  7=Display
  8=TP msg classes  9=e-send  U=Usage by interchgs  S=Chg View2  T=View2

Opt  TP code  Trading partner name      Int# last rcvd  Int# last sent  T/P
-   +ALL     For TPMC overrides to all  000000017      000000010      *
-   AMP      AMP Incorporated          000000002      000000000      *
-   AMPST    AMP test                  000000003      000000000      T
-   ASIEXT   ASI/EDI EXTOLTEST        000000003      000000000      T
-   ASITST   ASI/EDI testing          111111111      000000000      *
-   DLDST    Dillards Stores          000000000      000000000      *
-   EFL      Example for EFL TP       000000000      000000000      T
-   HCFA     HCFA test                 000000023      000000000      *
-   JCP      JC Penney test           000000002      000000000      *
-   JONES    Jones Stores test        111111111      000000004      *
-   TUTOR    Tutorial trading partner  00000000001    00000000001    T

F3=Exit  F6=Print  F9=Create  F14=Print snd/rcv IDs  F16=Prompt chg view
    
```

The environment name is useful in installations in which multiple file libraries have been created on the same machine (for example, test and production), or where users may pass through to more than one machine on which Cleo EEI has been installed.

For the Native OS/400 interface, the Display attribute for the environment name may also be specified. For example, the environment name may be made to appear in different colors for different environments.

```

Change EXTOL environment name (CHGENVNAM)

Type choices, press Enter.

Library name . . . . . LIB          *LIBL
Display attribute (hex) . . . . DSPATR *SAME
EXTOL environment name . . . . ENVNAME *SAME
-----
Create environment objects . . CRTOBJ *NO

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

Library name LIB – The library in which the environment name objects are to be changed or created.

Possible values:

*LIBL	The library list will be used to search for the environment name objects. CRTOBJ(*YES) may not be specified with LIB(*LIBL).
library-name	The environment name objects in the specified library will be changed. If the objects do not exist in this library, they will be created if CRTOBJ(*YES) is also specified.

Display attribute (hex) DSPATR – Used for the Native OS/400 interface only, this is the hexadecimal display attribute used to control the appearance of the environment name. This value has no effect on the appearance of the environment name in report headings.

Possible values:

*NONE	The display attribute changed to the default value, which appears "normal" (usually green) on monochrome displays and blue on color displays.
*SAME	The display attribute is not changed from its present value.
hexadecimal-display-attribute	Any hexadecimal value in the range of 20 through 3F may be specified.

Cleo environment name ENVNAME - A text string of up to 38 characters describing the environment; for example, "Development - System A".

Cleo EEI ships with a value of "Cleo EEI Integrator". The GUI system suppresses the display of this value.

Create environment objects

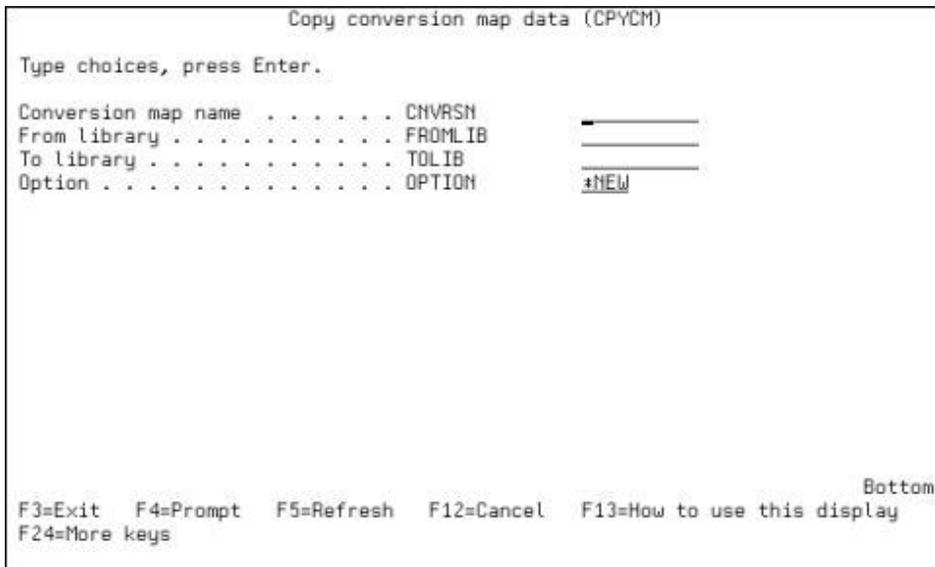
CRTOBJ - Possible values:

*NO	The environment objects must exist in the specified library or (if LIB(*LIBL) is specified) in the library list when the command is executed.
*YES	The environment objects will be created in the specified library if they do not exist when the command is executed. *YES may not be specified if LIB(*LIBL) is used. In addition, at least one library with an environment name (e.g., EXTSYS) must be in the library list.

CPYCM Copy conversion map data

The CPYCM command copies conversion maps from one library to another.

Note: To save conversion maps or send them to other systems, use the SAVCM and SNDCM commands, respectively.



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Conversion map name	CNVRSN – The conversion map to be copied. *ALL may be used.
From library	FROMLIB – The library containing the items to be copied.
To library	TOLIB – The library where the items will be copied.
Option	OPTION – Specifies how to handle copying.

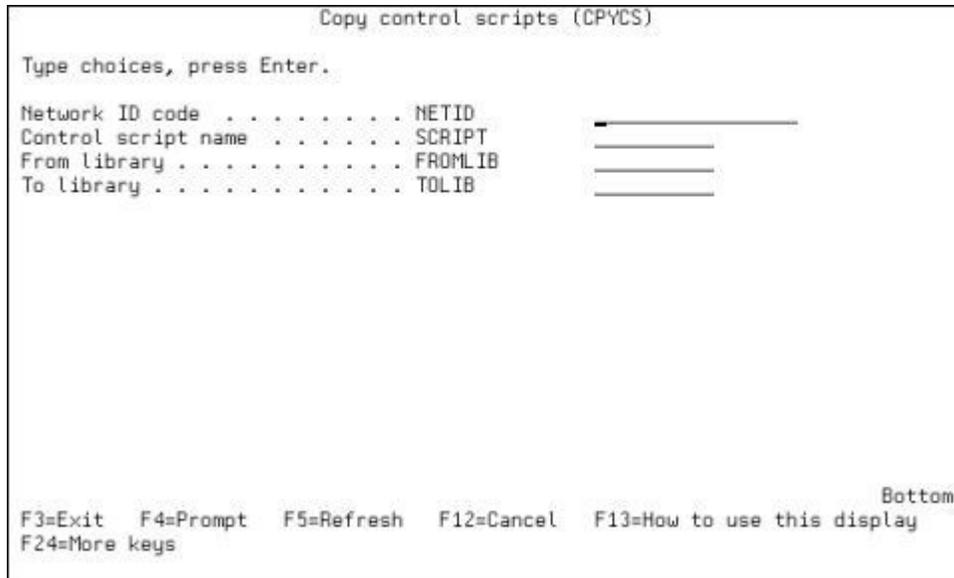
Possible values:

*ALL	All conversion maps in the from library are copied to the to library. conversion maps in the from library replace those in the to library. Conversion maps not in the to library are added. Conversion maps in the to library but not in the from library remain in the to library.
*NEW	Conversion maps that do not exist in the to library are copied.
*OLD	Only conversion maps that exist in the to library are copied.

CPYCS **Copy control scripts**

The CPYCS command copies control scripts from one library to another.

Note: To save control scripts or send them to other systems, use the SAVCS and SNDSCS commands, respectively.



Network ID code	NETID - The network to be copied. *ALL may be used.
Control script name	SCRIPT - The script to be copied. *ALL may be used.
From library	FROMLIB - The library containing the items to be copied.
To library	TOLIB - The library where the items will be copied.

CPYCT Copy code table

The CPYCT command copies code tables from one library to another.

Note: To save code tables or send them to other systems, use the SAVCT and SNDCT commands, respectively.

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```
Copy code table (CPYCT)

Type choices, press Enter.

Code table reference name . . . TABLE
From library . . . . . FROMLIB
To library . . . . . TOLIB

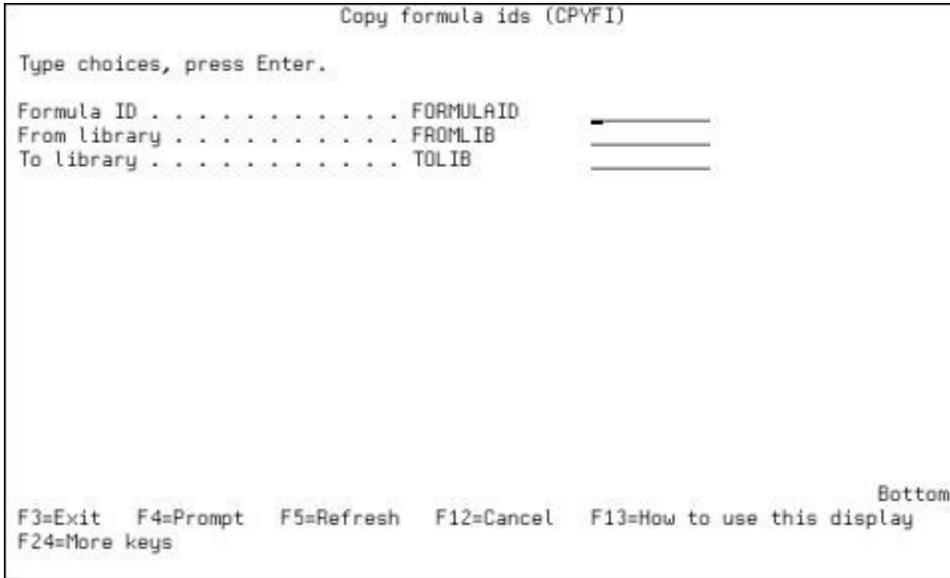
Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

Code table reference name	TABLE - The code table to be copied. *ALL may be used.
From library	FROMLIB - The library containing the items to be copied.
To library	TOLIB - The library where the items will be copied.

CPYFI **Copy formula ids**

The CPYFI command copies formulas from one library to another.

Note: To save formulas or send them to other systems, use the SAVFI and SNDFI commands, respectively.



Formula ID	FORMULAID - The formula ID to be copied. *ALL may be used.
From library	FROMLIB - The library containing the items to be copied.
To library	TOLIB - The library where the items will be copied.

CPYFS Copy application file set

The CPYFS command copies application file sets from one library to another.

Since the same file may appear in many file sets, a parameter is provided to control whether the associated file, format, and field descriptions are also copied.

Both the From library and To library must be Cleo EEI system files libraries.

Note: To save application file sets or send them to other systems, use the SAVFS and SNDFS commands, respectively.

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Note: The CPYFS command has a parameter which controls whether these associated records are to be copied.

Both the From library and To library must be Cleo EEI system files libraries.

Note: To save application file sets or send them to other systems, use the SAVFS and SNDFS commands, respectively.

```
Copy appl file set file def(s) (CPYFSFD)
Type choices, press Enter.
Application file set name . . . FSET
From library . . . . . FROMLIB
To library . . . . . TOLIB
Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

Application file set name	FSET – The application file set whose file definition records will be copied. *ALL may be used.
From library	FROMLIB – The library containing the items to be copied.
To library	TOLIB – The library where the items will be copied.

CPYFSNEW Copy app file set to new name

The CPYFSNEW command copies an application file set to another file set.

A parameter controls whether the attached files, formats, and fields will be converted during the copy.

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```
Copy app file set to new name (CPYFNSNEW)

Type choices, press Enter.

Application file set name . . . FSET      _____
New file set name . . . . . NEWFSET     _____
Convert files/formats/fields . . CVTFILES  *NO_

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

Application file set name FSET – The application file set to be copied.

New file set name NEWFSET – The name for the new application file set.

Convert files/formats/fields CVTFILES – Specifies if files, formats, and fields are to be converted.

Conversion consists of new names for the files, formats, and fields.

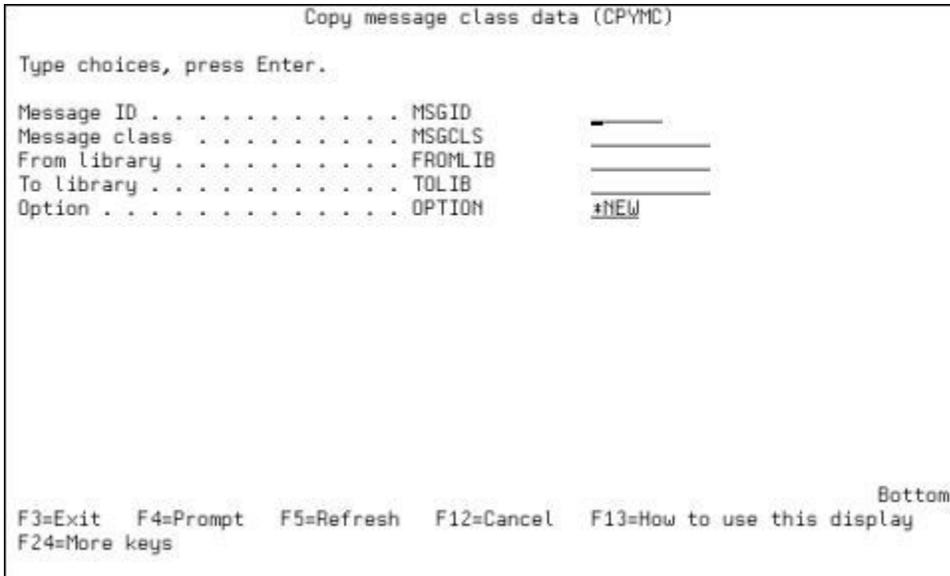
Possible values:

*NO	Do not convert.
*YES	Perform convert.

CPYMC **Copy message class data**

The CPYMC command copies message classes from one library to another.

Note: To save message classes or send them to other systems, use the SAVMC and SNDMC commands, respectively.



Message ID	MSGID – The message ID of the message class mapping to be copied.
Message class	MSGCLS – The name of the message class mapping to be copied.
From library	FROMLIB – The library containing the items to be copied.
To library	TOLIB – The library where the items will be copied.
Option	OPTION – Specifies how to handle copying.

Possible values:

*ALL	All message classes in the from library are copied to the to library. Message classes in the from library replace those in the to library. Message classes not in the to library are added. Message classes in the to library but not in the from
------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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	library remain in the to library.
*NEW	Message classes that do not exist in the to library are copied.
*OLD	Only message classes that exist in the to library are copied.

CPYNPS Copy network files

The CPYNPS command allows you to copy a network, including the ports and scripts, in one step.

Copy Network Files (CPYNPS)

Type choices, press Enter.

```

Network code . . . . . NWID          _____
Network port code . . . . . PORT      *ALL
Network control script . . . . . CTLSCPT *ALL
From library . . . . . FROMLIB        _____
To library . . . . . TOLIB           _____
Option . . . . . OPTION              *NEW
    
```

Bottom

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

Network Code NWID - The network ID of the network to be copied.

Possible values:

*ALL	Copy all network Id's.
Network	Specify network Id to copy

Network port code PORT - The name of the port to be copied.

Possible values:

*ALL	Copy all ports for the network.
*NONE	Do not copy any ports.
Port	Copy a specific port.

Network control script

CTLSCPT – The name of the control script to be copied.

Possible values:

*ALL	Copy all control scripts for the network.
*NONE	Do not copy any control scripts.
Control Script	Copy a specific control script.

From library

FROMLIB – The name of the library containing the network to be copied.

To library

TOLIB – The name of the library to which the network is to be copied.

Option

OPTION – Specifies how to handle copying networks.

Possible values:

*NEW	Networks that do not exist in the to library are copied.
*ALL	All networks in the from library are copied to the to library. Networks in the from library replace those in the to library. Networks not in the to library are

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added. Networks in the to library but not in the from library remain in the to library.

***OLD** Only networks, ports and control scripts that exist in the to library are copied.

CPYSS Copy file set sort spec

The Copy file set sort spec (CPYSS) command copies all records associated with a sort specification from one library to another.

Note on libraries: The application file set must exist in the To library, unless the sort specification is being copied to QTEMP. There is no “replace” in copy functionality; if the spec exists in the To library, delete it before copying takes place.

It is important to note that both the To and From libraries must be Cleo system files libraries.

This command may be useful, for example, when copying file set sort specifications from test to production libraries on the same system.

```
Copy file set sort spec (CPYSS)

Type choices, press Enter.

Application file set name . . . FSET      _____
Sort specification . . . . . SORTSPEC    _____
From library . . . . . FROMLIB          _____
To library . . . . . TOLIB              _____

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

Application file set name	Specifies the name of the application file set to be copied.
----------------------------------	--------------------------------------------------------------

This is a required parameter.

Sort specification Specifies the name of the Cleo EEI files library in which the application file set(s) to be copied are found.

This is a required parameter.

From library Specifies the name of the Cleo EEI files library in which the application file set(s) to be copied are found.

This is a required parameter.

To library Specifies the name of the Cleo EEI files library to which the application file set(s) are to be copied.

This is a required parameter.

CPYTP Copy trading partner

The CPYTP command copies trading partners (and optionally trading partner functional groups and trading partner message classes) from one library to another.

Note: To save trading partners or send them to other systems, use the SAVTP and SNDTP commands, respectively.

```

Copy trading partner (CPYTP)

Type choices, press Enter.

Trading partner code . . . . . TPCD          _____
From library . . . . . FROMLIB             _____
To library . . . . . TOLIB                 _____
Copy TP groups . . . . . CPYGRP            +YES
Copy TP message classes . . . . . CPYTPMC  +YES

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

Trading partner code	TPCD – The trading partner to be copied. *ALLTP may be used to copy all trading partners.
-----------------------------	--------------------------------------------------------------------------------------------------

From library	FROMLIB – The library containing the items to be copied.
---------------------	----------------------------------------------------------

To library	TOLIB – The library where the items will be copied.
-------------------	-----------------------------------------------------

Copy TP groups	SAVGRP – Controls whether functional groups for the trading partner are also to be copied.
-----------------------	--------------------------------------------------------------------------------------------

Possible values:

*NO	Do not copy functional groups.
*YES	Copy functional groups.

Copy TP message classes SAVTPMC – Specifies whether trading partner message classes are also to be copied.

Trading partner message classes may not be copied unless trading partner groups are also copied.

Possible values:

*NO	Do not copy trading partner message classes.
*YES	Copy trading partner message classes.

CRTAPPDTA Create application data batch

The CRTAPPDTA command initiates the processing of application files for outgoing messages. This command analyzes data in the specified application file set, determines the trading partner message class for each document, creates a message log record for each document, and translates each document.

Optionally, the command can assemble the documents into groups and interchanges, create the envelopes and assemble the interchanges into network connections, and send the connections to the appropriate networks.

The data in the application file set may be for different trading partners, message classes, and/or networks.

Note: A list of error messages issued by the CRTAPPDTA(B) command that can be monitored appears in the “Error Messages” section of this manual.

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Create application data batch (CRTAPPDTA)

Type choices, press Enter.

Application file set name . . . FSET	██████████
Application data batch text . . . TEXT	*GEN
<hr/>	
Stop on partial error option . . . ERROPT	*ANY
Create envelopes immediately . . . CRTEMV	*NO

Additional Parameters

Overriding to database file . . . TOFILE	*FILE
Library	_____
Overriding to member MBR	*FIRST
Trading partner code TRDPNR	_____
Functional group code GROUP	_____
Message ID MSGID	_____
Message class MSGCLS	_____
Select by Network code NETSLT	*ALL

More...

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

Create application data batch (CRTAPPDTA)

Type choices, press Enter.

Select by Network account code . . . NETASLT	*ALL
Select by Network port code . . . NETPSLT	*ALL
Select by Call window code . . . CWDWSLT	*ALL
Select by Control script SCRIPTSLT	*ALL
Select by Trading partner code TPCDSL	*ALL
Select by Group code GPCDSL	*ALL
Select by Message identifier . . . MSIDSLT	*ALL
Select by Message class name . . . MCLSSLT	*ALL
Query selection expression . . . QRYSLT	*ALL

Override envelope map to file . . . ENVFILE	*FILE
Library	_____
Record selection method RSLTMETHOD	*NONE
Parent/child relationship PARCHLDREL	*NO

More...

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
 F24=More keys
 Messages pending on other displays.

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Create application data batch (CRTAPPDTA)

Type choices, press Enter.

Select by Network account code	NETASLT	*ALL
Select by Network port code . . .	NETPSLT	*ALL
Select by Call window code . . .	CMDWSLT	*ALL
Select by Control script	SCRIPTSLT	*ALL
Select by Trading partner code	TPCDSLT	*ALL
Select by Group code	GPCDSLT	*ALL
Select by Message identifier . . .	MSIDSLT	*ALL
Select by Message class name . . .	MCLSSLT	*ALL
Query selection expression . . .	QRYSLT	*ALL

Override envelope map to file .	ENVFILE	*FILE
Library		
Record selection method	RSLTMETHOD	*NONE
Parent/child relationship . . .	PARCHLDREL	*NO

More...

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
 F24=More keys
 Messages pending on other displays.

Create application data batch (CRTAPPDTA)

Type choices, press Enter.

Debug mode	DEBUG	*NO
Resend errors	SNDERR	*NO
Run time substitution values . .	RTSY	

+ for more values

Bottom

F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
 F24=More keys
 Messages pending on other displays.

Application file set name	FSET – The application file set containing the data to be used to create outgoing messages.
----------------------------------	---------------------------------------------------------------------------------------------

Application data batch text

TEXT – The description identifying individual batches of data that appear on panels and reports.

The default ***GEN** causes text to be built from various other parameters. The ***GEN** string may be customized by modifying message UEX0496 in message file EXTMSGF. See the second-level text for this message for details on customizing the default text string.

Stop on partial error option

ERROPT – Specifies where the outgoing process should stop if a step completes with partial errors. If a step completes with the resulting status entirely in error, the process will also stop.

- ***ANY** indicates that the process will be stopped at any step that completes with at least one error.
- ***NO** indicates that the process will not stop with partial errors, but instead will continue to use the data not in error to complete subsequent steps.
- The other values cause the process to stop only if the specified step completes with partial errors.

Possible values:

*ANY	Stop at any error.
*DTA	Stop at data analysis error.
*ENV	Stop at enveloping error.
*NO	Do not stop on partial errors.
*TRN	Stop at translation error.
*WRP	Stop at wrapping error.

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Create envelopes immediately

CRTENV – Specifies whether interchanges and functional groups are created immediately after translation.

Possible values:

*NO	The procedure stops after the data is analyzed and any messages (documents) for which the trading partner message class has been identified have been translated. *NO would be specified if messages from different application data batches are to be assembled together into groups and interchanges.
*YES	The Cleo EEI will immediately assemble EDI messages from this application data batch into groups and interchanges.

Force int/grp from data

INTGRP – Specifies whether interchanges and functional groups are defined by the data. As the normal case is to allow Cleo EEI to assemble messages into groups and interchanges according to specifications included in the trading partner records, the default is *NO.

Possible values:

*NO	Interchanges and functional groups are not defined by the data.
*YES	Interchanges and functional groups are defined by the data.

Wrap for Network(s)

NETWRP – Specifies whether any interchanges created (not only from this application data batch) should be placed into connections after the envelopes for this batch have been created.

***NONE** must be used if the Create envelopes immediately parameter is ***NO**. If Create envelopes immediately is ***YES**, this parameter may be ***ALL** or a network ID.

Possible values:

*ALL	Connections for all networks for which there are interchanges to send will be created. If a network name is specified, a connection for the specified network only, containing the appropriate interchange(s), will be created.
*NONE	No interchanges are placed into connections.
Network ID	A connection for the specified network only, containing the appropriate interchange(s), will be created.

Send to Network(s)

NETSND – Specifies whether any connections created but not sent should be placed onto the communications job queue to be sent to the networks.

***NONE** must be used if the Wrap for Network(s) parameter is ***NONE**.

Possible values:

*ALL	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the network(s).
*NONE	Must be specified if NETWRP parameter is *NONE.
Network ID	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the specific network.

Additional Parameters

Overriding to database file

TOFILE - The file and library to be used instead of the defaults, which are the file specified by the application file set and the library specified by the translation job description library list.

Possible Library values:

*CURLIB	The current library for the job is used to locate the database file. If no current library entry exists in the library list, QGPL is used.
*LIBL	The library list is used to locate the database file.
Library name	Specify the library where the database file is located.

Overriding to member

MBR - The member of the application file to be used.

Possible values:

*ALL	All members of the database file are processed.
*FIRST	The first member of the database file is used.
*LAST	The last member of the database file is used.

Trading partner code

TRDPNR - The trading partner to be used for the entire application data batch instead of the trading partner as determined by the envelope map description for the application file set.

A value of ***TMS** ("Tailored Multiple Send") will trigger the use of the same user interface data records to create documents for each trading partner as set up in the envelope map for the file set. For each trading partner, a different group code, message ID, and message class may be specified. This will allow each document to be tailored for each trading partner. This entire setup is done in the envelope map option of the file set.

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Functional group code GROUP – The functional group to be used for the entire application data batch instead of the functional group as determined by the envelope map description for the application file set.

Message ID MSGID – The message ID to be used for the entire application data batch instead of the message ID as determined by the envelope map description for the application file set.

Message class MSGCLS – The message class to be used for the entire application data batch instead of the message class as determined by the envelope map description for the application file set.

Select by Network code NETSLT – This parameter only applies to the *create envelope, wrap for network, and send to network* steps of the outgoing process. The default is ***ALL**. Only those messages for a specified network will be enveloped, and optionally wrapped and sent.

Select by Network code NETASLT – This parameter only applies to the *create envelope, wrap for network, and send to network* steps of the outgoing process. The default is ***ALL**. Only those messages for a specified network account will be enveloped, and optionally wrapped and sent.

Select by Network port code NETPSLT – This parameter only applies to the *create envelope, wrap for network, and send to network* steps of the outgoing process. The default is ***ALL**. Only those messages for a specified network port will be enveloped, and optionally wrapped and sent.

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Select by Call window code	CWDWSLT – This parameter only applies to the <i>create envelope</i> , <i>wrap for network</i> , and <i>send to network</i> steps of the outgoing process. The default is *ALL . Only those messages for a specified call window will be enveloped, and optionally wrapped and sent.
Select by Control script code	SCRIPTSL – This parameter only applies to the <i>create envelope</i> , <i>wrap for network</i> , and <i>send to network</i> steps of the outgoing process. The default is *ALL . Only those messages for a specified control script will be enveloped, and optionally wrapped and sent.
Select by Trading partner code	TPCDSL – This parameter only applies to the <i>create envelope</i> step of the outgoing process. The default is *ALL . Only those messages for a specified trading partner will be enveloped. If the wrap and send options are specified, all interchanges ready to wrap which match the match the indicated network, account, port, call window, and control script will be wrapped and/or sent.
Select by Group code	GPCDSL – This parameter only applies to the <i>create envelope</i> step of the outgoing process. The default is *ALL . Only those messages for a specified group will be enveloped. If the wrap and send options are specified, all interchanges ready to wrap which match the match the indicated network, account, port, call window, and control script will be wrapped and/or sent.
Select by Message identifier	MSIDSL – This parameter only applies to the <i>create envelope</i> step of the outgoing process. The default is *ALL . Only those messages of a specified message ID will be enveloped. If the wrap and send options are specified, all interchanges ready to wrap which match the match the indicated network, account, port, call window, and control script will be wrapped and/or sent.

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Select by Message class name MCLSSLT – This parameter only applies to the *create envelope* step of the outgoing process. The default is ***ALL**. Only those messages of a specified message class will be enveloped. If the wrap and send options are specified, all interchanges ready to wrap which match the match the indicated network, account, port, call window, and control script will be wrapped and/or sent.

Query selection expression QRYSLT – If the desired subset of messages cannot be specified using the parameters, a query expression using data from the *Log of Message* record may be used.

Possible values:

*ALL	Process all messages.
Query selection expression	Contact Support for details on the query selection expression.

Override envelope map to file

ENVFILE – The library and multi-format logical file to be used instead of the default, which is the file specified by the Overriding to database fileparameter. The file named here is used only for the data analysis step using the envelope map.

In most cases, the envelope map refers only to the primary or “header” format, since that format usually has all information needed to determine trading partner and message class. If the data volumes are large and there are very many non-header records, the data analysis step must read through all of the records even though it only processes a few of them. By creating a logical file containing only the formats needed by the envelope map and using this file for this parameter, the performance of the data analysis step will be improved in these cases.

Possible values:

*FILE	Use the default TOFILE parameter file.
Database file name	Database file substitute for Data Analysis envelope processing.

Possible Library values:

*CURLIB	The current library for the job is used to locate the database file. If no current library entry exists in the library list, QGPL is used.
*LIBL	The library list is used to locate the database file.
Library name	Specify the library where the database file is located.

Record selection method

RSLTMETHOD – The method used for record selection from files contained in the application file set. If ***KEYED** is specified, the Parent/child relationship parameter must be ***YES**.

Possible values:

*KEYED	Record selection will be performed externally by user specified file definitions.
*NONE	
*RUNTIME	Record selection parameters will be passed and processed internally by the system.

Parent/child relationship

PARCHLDREL - A parent/child relationship is defined as:

Parent - sequence #1 of file set

- Child - sequence #2 through "x" of file set, with (a) at least the same number of keys and (b) each key slot identical in length, type, decimal positions, and sequencing (ascending/descending)

Correct

Slot#	Parent (seq#1)				Child (seq# "x")			
	Lng	Type	DecPos	Seq	Lng	Type	DecPos	Seq
1	5	A	0	A	5	A	0	A
2	7	P	2	D	7	P	2	D

InCorrect

Slot#	Parent (seq#1)				Child (seq# "x")			
	Lng	Type	DecPos	Seq	Lng	Type	DecPos	Seq
1	5	A	0	A	5	A	0	D
2	7	P	2	D	7	S	2	D

A valid parent/child relationship is required if propagation of select/omit statements from the parent to the children is desired.

Possible values:

*NO	No parent/child relationship is to be used.
*YES	A parent/child relationship is to be established if possible.

Debug mode DEBUG – Produces various listing of internal key structures and their resulting work files.

Possible values:

*NO	No debugging is requested.
*YES	Produce lists and files.

Resend errors SNDERR – Allows you to include send errors when wrapping and sending current generated data or sending current wrapped data.

The default is ***NO**.

Run time substitution values RTSV – Run time substitution values are on-the-fly values that will be substituted in select/omit statements for a file set.

A minimum of 0 up to a maximum of 9 values may be specified. Each has a length of 100 characters. These substitution values are specified in the select/omit statements by encoding **@x** where **x** is the parameter position (**@3** would be the 3rd parameter value).

Entries are not required if no substitution values exist in the select/omit statements for the file set. If entries are made and none are needed, they will be skipped during processing.

CRTCNNIMP Create connection by import

The CRTCNNIMP command imports data into Cleo EEI from an iSOS database file.

If data is received through other than the normal Cleo communications program, this command copies that data into a file member and creates an appropriate connection log record. This command may be imported as received data, which as send data, which may be sent using the Cleo communications facilities.

The command has the ability to copy a range of records within a file, specified by record number. The starting and ending

data within each record may also be specified, allowing keys or other control information to be bypassed by the copy.

The command accepts data as:

- unwrapped (one segment per record)
- unwrapped with continuation records (more than one record per segment)
- wrapped (segments separated only by a segment delimiter with no regard for record boundaries).

For unwrapped data with continuation records, the position, length, and contents (in hexadecimal format) of the continuation be specified.

For unwrapped data, the segment delimiter can be automatically determined by a search. If no segment delimiter exists it is automatically added to the end of each segment. In addition, the data may be copied without a segment delimiter.

For data imported as received, command parameters are available to enter data into the fields in the Log of Connection records. Parameters normally refer to the communications session. For data imported as send, the parameters that provide communications session information (for example, network ID and network port) are required.

If the data being copied does not contain envelope segments, they may be created by the command, utilizing data from the trading partner and message class specified in the command.

There may be two different control scripts associated with CRTCNNIMP processing.

- The script (if any) specified on the Control script name parameter updates the *Log of Connection* record; it will also be used to send data. The Direction code parameter is ***SEND**.
- The script (if any) specified on the Import with Control script parameter is used during the file import process. If the data being copied contains envelope segments, they may be created by WRTLINE statements in the control script specified on the Import with Control script parameter.

```

                                Create connection by import (CRTCNNIMP)

Type choices, press Enter.

Overriding to database file . . FILE          ██████████
  Library . . . . .                *L IBL ██████████
Overriding to member . . . . . MBR           *FIRST
Copy from record number . . . . FROMRCD     *START
Copy to record number . . . . . TORCD       *END
Copy from character position . . FROMCHAR    *START
Copy to character position . . . TOCHAR      *END
Direction code . . . . . DIR               *RECEIVE
Translate received data . . . . TRANSLATE    *NO
Start send connection . . . . . SEND        *NO
Data format . . . . . FORMAT               *WRAP
Segment delimiter control . . . SEGDMCTL     *SEARCH
Default segment delimiter . . . DFTSEGDM    15
Continuation test control . . . CONTINCTL    *NONE
Continuation string position . . CONTINPOS   *END
Continuation string length . . . CONTINLEN   1
                                                More...

F9=All parameters  F11=Choices  F14=Command string  F24=More keys

Parameter FILE required.
    
```

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Create connection by import (CRTCNNIMP)

Type choices, press Enter.

Continuation char string (HEX)	CONTINCHAR	<u>C3</u>
Unwrap local connection (sent)	UNWLCL	<u>*NO</u>
Reverse sndr/rcvr IDs (sent) . .	RVRTPID	<u>*YES</u>

Additional Parameters

Time period for connection:	PERIOD	
Start time and date:		
Beginning time		<u>*CURRENT</u>
Beginning date		<u>*CURRENT</u>
End time and date:		
Ending time		<u>*END</u>
Ending date		<u>*CURRENT</u>
Call length (hhmmss)	LENGTH	<u>100</u>
Network port code	NETPORT	<u> </u>
Control script name	SCRIPT	<u> </u>

More...

F9=All parameters F11=Choices F14=Command string F24=More keys

Messages pending on other displays.

Create connection by import (CRTCNNIMP)

Type choices, press Enter.

Continuation char string (HEX)	CONTINCHAR	<u>C3</u>
Unwrap local connection (sent)	UNWLCL	<u>*NO</u>
Reverse sndr/rcvr IDs (sent) . .	RVRTPID	<u>*YES</u>

Additional Parameters

Time period for connection:	PERIOD	
Start time and date:		
Beginning time		<u>*CURRENT</u>
Beginning date		<u>*CURRENT</u>
End time and date:		
Ending time		<u>*END</u>
Ending date		<u>*CURRENT</u>
Call length (hhmmss)	LENGTH	<u>100</u>
Network port code	NETPORT	<u> </u>
Control script name	SCRIPT	<u> </u>

More...

F9=All parameters F11=Choices F14=Command string F24=More keys

Messages pending on other displays.

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Create connection by import (CRTCNNIMP)

Type choices, press Enter.

```

Script parameter string . . . . SCRIPTPARM      _____
Network ID code . . . . . NETID                _____
Telephone number for log . . . . TELNBR       _____
Connection number (dial cmd) . . . . CNNNBR   _____
Line description name . . . . . LIND          *PORT _____
Controller description name . . . . CTLD      *PORT _____
Device description name . . . . . DEVD       *PORT _____
Create interchange envelopes . . . . CRTINT    *NO  _____
Create group envelopes . . . . . CRTGRP      *NO  _____
Envelope class code . . . . . ENVCLS        _____
Trading partner code . . . . . TRDPNR       _____
Functional group code . . . . . GROUP       _____
Message ID . . . . . MSGID                 _____
Message class . . . . . MSGCLS             _____
Connection log number . . . . . CNNLOGNBR    *GEN _____
    
```

More...

F9=All parameters F11=Choices F14=Command string F24=More keys

Messages pending on other displays.

Create connection by import (CRTCNNIMP)

Type choices, press Enter.

```

Update log script, port, etc. . . UPDATELOG   *PREV _____
Import with Control script . . . IMPORTSCR    *SCRIPT _____
Import with script parameters . . IMPORTPARM  *SCRIPTPARM _____
    
```

Bottom

F9=All parameters F11=Choices F14=Command string F24=More keys

Messages pending on other displays.

Overriding to database file FILE The database file that contains the data to be imported.
Possible values:

*NONE	
Database file name	The name of the database file that contains the data to be imported into the system.

Possible Library values:

*CURLIB	The current library for the job is used to locate the save file. If no current library entry exists in the library list, QGPL is used.
*LIBL	The library list is used to locate the save file.
Library name	Specify the name of the library to be searched.

Overriding to member MBR The member for the database file. Possible values:

*ALL	All members in your database file are processed in order.
*FIRST	The first member of a database file is used.
*LAST	The last member of a database file is used.
Member name	The member name for the database file.

Copy from record number FROMRCD The relative record number of the first record in the specified file/member to be copied. Possible values:

*START	The copy operation begins with the first record.
Record number	Enter the record number that identifies the first record to be copied.

Copy to record number TORCD The relative record number of the last record in the specified file/member to be copied. Possible values:

*END	Records are copied until and end of file condition is indicated.
Record number	Enter the record number that identifies the last record to be copied.

Copy from FROMCHAR The starting character position to be copied from

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character position each record. Possible values:

*START	Start copy at position 1 of the record.
Character position	Enter the character position that identifies the first character to be copied.

Copy to character position TOCHAR The ending character position to be copied from each record.
Possible values:

*END	Copy to end of record.
Character position	Enter the character position that identifies the last character to be copied.

Direction code DIR Specifies whether this data is to be processed as received or send data. Possible values:

*RECEIVE	Process data as receive type. The received data will then be unwrapped. It may also be optionally translated (see the TRANSLATE parameter).
*SEND	Process data as send type. A communications session may optionally be started to send the data (see the SEND parameter).

Translate received data TRANSLATE Specifies (for a Direction code of ***RECEIVE**) whether or not to translate the received data as part of this command.
Possible values

*IMMED	Specifies that the unwrapped data will be translated in the current job. This may require that the current jobs library list be modified before executing the CRTCNNIMP command.
*NO	Specifies that no translation is to be attempted. The data will be unwrapped.
*SUBMIT	Specifies that the unwrapped data will be scheduled for translation in a batch job which will be submitted by the current job using the default translation job description.

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Start send connection SEND Specifies (for a Direction code of ***SEND**) whether or not to actually start the send operation as part of this command.

Possible values:

*IMMED	Send this connection immediately in the current job.
*NO	Do not send this connection.
*SUBMIT	Submit a batch job to send this connection, using the default communications job description.

Data format FORMAT The format of the data in the specified database file.

Possible values:

*CONTINUE	Specifies that the data is in an unwrapped format and may have continuation records (one or more records per EDI segment).
*SEARCH	Specifies that the command processing program will determine the data format.
*UNWRAP	Specifies that the data is in an unwrapped format (one EDI segment per record).
*WRAP	Specifies that the data is in wrapped format.

Segment delimiter control SEGDLMCTL Possible values:

*ADD	Specifies that the unwrapped data has no segment delimiter but one will be added by the command processing program after the rightmost non-blank character.
*ADDEND	Specifies that the unwrapped data has no segment delimiter but one will be added by the command processing program after the character position specified by the TOCHAR parameter. By default the TOCHAR parameter will be the record length of the file specified on the FILE parameter.
*NONE	Specifies that the unwrapped data has no segment delimiter and will not have a segment delimiter in the Cleo system.
*SEARCH	Specifies that the unwrapped data is searched from the right to determine the segment delimiter.

Default segment delimiter	<p>DFTSEGDLM The character (in hexadecimal format) to be inserted at the end of each unwrapped record if the <u>Segment delimiter control</u> parameter is *ADD.</p> <p>Possible values:</p> <table border="1" style="margin-left: 40px;"> <tr> <td style="text-align: center;">15</td> <td></td> </tr> <tr> <td>Segment delimiter character</td> <td>The character (in hexadecimal format) to be used as the segment delimiter.</td> </tr> </table>	15		Segment delimiter character	The character (in hexadecimal format) to be used as the segment delimiter.
15					
Segment delimiter character	The character (in hexadecimal format) to be used as the segment delimiter.				

Continuation test control	<p>CONTINCTL Specifies whether unwrapped records are to be searched for a continuation character string. Possible values:</p> <table border="1" style="margin-left: 40px;"> <tr> <td>*MATCH</td> <td>Specifies that a match of the continuation character string at the declared position in the record indicates that the record is followed by continuation records.</td> </tr> <tr> <td>*NONE</td> <td>Specifies that no continuation records are used.</td> </tr> <tr> <td>*NONMATCH</td> <td>Specifies that a match of the continuation character string at the declared position in the record indicates that the current record is a continuation of the previous record.</td> </tr> </table>	*MATCH	Specifies that a match of the continuation character string at the declared position in the record indicates that the record is followed by continuation records.	*NONE	Specifies that no continuation records are used.	*NONMATCH	Specifies that a match of the continuation character string at the declared position in the record indicates that the current record is a continuation of the previous record.
*MATCH	Specifies that a match of the continuation character string at the declared position in the record indicates that the record is followed by continuation records.						
*NONE	Specifies that no continuation records are used.						
*NONMATCH	Specifies that a match of the continuation character string at the declared position in the record indicates that the current record is a continuation of the previous record.						

Continuation string position	<p>CONTINPOS The position in the record at which the continuation character string begins.</p> <p>Possible values:</p> <table border="1" style="margin-left: 40px;"> <tr> <td style="text-align: center;">*END</td> <td>Specifies the last character in the record as the continuation character.</td> </tr> <tr> <td>Continuation string position</td> <td>The position in the record at which the continuation character string begins.</td> </tr> </table>	*END	Specifies the last character in the record as the continuation character.	Continuation string position	The position in the record at which the continuation character string begins.
*END	Specifies the last character in the record as the continuation character.				
Continuation string position	The position in the record at which the continuation character string begins.				

Continuation string length	<p>CONTINLEN The length of the continuation character string.</p> <p>Possible values:</p>
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1	The continuation string is one character.
Continuation string length	The actual length (in characters) of the continuation string.

Continuation character string CONTINCHAR The character string (in hexadecimal format) used to signify a continuation record.

Possible values:

C3	The hexadecimal representation of the character C.
Continuation character string	The character string (in hexadecimal format) used to signify a continuation record.

Unwrap local connection (sent) Unwrap local connection data (UNWLCL): Specifies (for a direction code of *SEND) whether or not to unwrap the outbound data as part of this command. This will create the log information in the Integrator.

The possible values are:

*NO	Specifies that no unwrapping is to be attempted. The data will be imported.
*IMMED	Specifies that the data is to be unwrapped in the current job. This may require that the current job's library list be modified before executing the CRTCNNIMP command.
*SUBMIT	Specifies that the data is to be scheduled for unwrapping in a batch job which will be submitted by the current job using the default translation job description

Reverse Reverse sndr/rcvr IDs (sent) (RV RTPID): Specifies (for a direction

sndr/rcvr IDs (sent) code of *SEND) whether or not to reverse the usage of the trading partner sender and receiver ID information. This flag is used when unwrapping imported outbound data (direction code of *SEND) to reverse the trading partner information used to find the trading partner code in the Integrator. The possible values are:

*YES	Specifies to reverse the trading partner information during the unwrap process.
*NO	Specifies to use the received trading partner information as it was received during the unwrap process.

Additional Parameters

Time period for connection PERIOD For data imported as received, this parameter may be used to specify the time period for the communications session that created this connection.

The values are specified as two lists with two elements in each list.

1. Start time and date:
 - a. Beginning time (Element #1): The time at which the communications job for this file started. The default ***CURRENT** uses the current system time.
 - b. Beginning date (Element #2): The date on which the communications job for this file started. The default ***CURRENT** uses the current job date.

2. End time and date:
 - a. Ending time (Element #3): The time at which the communications job for this file ended. The default ***END** calculates the ending time by adding the number of minutes specified in the Call length (hh:mm:ss)

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parameter to the Beginning time (Element 1) of this parameter. ***CURRENT** uses the current system time.

- b. Ending date (Element #4): The date on which the communications job for this file ended. The default ***CURRENT** uses the current job date.

**Call length
(hhmmss)**

LENGTH The length of the communications session.

If (a) the Direction code parameter is ***RECEIVE**, (b) a value is entered into this parameter, and (c) the Ending time (Element 3) of the Time period for connection parameter is ***END**, then the Ending time (Element #3) of the Time period for connection parameter will be computed by adding the value of this parameter to the Beginning time (Element #1) of the Time period for connection parameter.

Possible values:

100	The call length will be recorded as one minute.
Call length (hhmmss)	The time duration to record as the call length.

Network port code

NETPORT The network port used for the communications session. This is required if Direction code is ***SEND**.

Control script name

SCRIPT The control script used for the communications session. This is required if Direction code is ***SEND**.

**Script parameter
string**

SCRIPTPARM The control script parameter string for the control script to be used in the communications session. This is required if the Direction code parameter is ***SEND**. A single blank must be entered if no specific parameter string is desired.

Network ID code NETID The network to be used for this call.

Telephone number for log TELNBR The telephone number to be placed in the log records of this call. This parameter defaults to the telephone number contained in the specified network port.

Connection number (dial cmd) C>NNNBR The actual dial command string placed into the connection number parameter of the controller for the communications session. If used, this parameter will override the dial command specified in the network port used for this communications session.

Line description name LIND The line description to be used for this communications session,

Possible values

*NONE	Specifies that the description specified in the Network port will be used.
*PORT	
Line description name	Enter line description name, used to override the line description specified in the Network port used for this communications session.

Controller description name CTLD The controller description to be used for this communications session.

Possible values.

*NONE	Specifies that the description specified in the Network port will be used.
*PORT	
Controller description name	Enter controller description name, used to override the controller

--	--

Device description name DEVD The communications device description to be used for this communications session.

Possible values:

*NONE	Specifies that the device description specified in the Network port will be used.
*PORT	
Device description name	Enter device description name, used to override the device description specified in the Network port used for this communications session.

Create interchange envelopes CRTINT Specifies whether an interchange envelope is to be created using data from the envelope class, trading partner, functional group, message ID, and message class records specified in the Envelope class code, Trading partner code, Functional group code, Message ID, and Message class parameters, respectively.

Possible values

Create group envelopes CRTGRP Specifies whether a group envelope is to be created using data from the envelope class, trading partner, functional group, message ID, and message class records specified in the Envelope class code, Trading partner code, Functional group code, Message ID, and Message class parameters, respectively.

Possible values:

*NO
*YES

Envelope class code ENVCLS The envelope class to be used if parameters Create interchange envelopes or Create group envelopes are ***YES**.

Trading partner code TRDPNR The trading partner to be used if parameters Create interchange envelopes or Create group envelopes are ***YES**.

Functional group code GROUP The trading partner functional group to be used if parameters Create interchange envelopes or Create group envelopes are ***YES**.

Message ID MSGID The message ID to be used if parameters Create interchange envelopes or Create group envelopes are ***YES**.

Message class MSGCLS The trading partner message class to be used if parameters Create interchange envelopes or Create group envelopes are ***YES**.

Connection log number CNNLOGNBR This field is a key to the *Log of Connection* file which contains details on each connection. A connection is any communications session with a public or private network. If a specified connection does not exist, the command ends in error.

Possible values:

Technical

*GEN

A new connection will be created with the next available log number.

--	--

Update log script, port, etc. UPDATELOG Specifies (only if an existing Connection log number is also specified) whether to update the connection log record with the new values for the Network ID code, Control script name, and Network port code parameters, or to keep the previous values.

Possible values:

*NEW	Specifies that the new values in the current command parameters will be used to update the log record.
*PREV	Specifies that the previous values on the log record are to be retained.

Import with Control script IMPORTSCR There may be two different control scripts associated with CRTCNNIMP processing.

- The script (if any) specified on the Control script name parameter updates the *Log of Connection* record. It will also be used to send the connection if the Direction code parameter is ***SEND**.
- The script (if any) specified is used during the file import process.

Possible values:

*NONE	Specifies that no script will be used during import processing.
*SCRIPT	The same name specified on the SCRIPT parameter will be used.
control script name	The name of the script to be used during import processing.

Import with script parameters IMPORTPARM There may be two different parameter strings associated with CRTCNNIMP processing.

- The string (if any) specified on the Script

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parameter string parameter is used during send processing if the Direction code is ***SEND**.

- The string (if any) specified on the this parameter is used during the file import process.

Parameter values may be separated using either commas or periods as delimiters.

If any of the parameters are expressed as **x/hh/** where **hh** are any number of pairs of valid hexadecimal characters (0-9,A-F), and / represents any delimiter character (any character not in 0-9,A-F) they will be converted to the EBCDIC character equivalent before substitution.

Note that the usual use of the single quote for this delimiter is permissible as in **x'A1A2A3'** but it must be doubled on the command line since the entire Script parameter string must normally be enclosed in single quotes.

This feature is primarily useful to pass non-printable characters to be used as delimiters when constructing envelope segments.

Possible values:

*SCRIPTPARM	The same string specified on the SCRIPTPARM parameter will be used.
parameter string	A string representing parameters to be used during import processing.

CRTCNSND **Create connections to send**

The CRTCNSND command assembles previously created interchanges into network connections, and optionally sends the connections to the appropriate networks.

Note: A list of error messages issued by the CRTCNSND(B) command that can be monitored appears in the “Error Messages” section of this Technical Reference manual.

```

Create connections to send (CARTCHNSND)

Type choices, press Enter.

Select by Network code . . . . . NETSLT          *ALL _____
Select by Network account code . . . . . NETASLT    *ALL _____
Select by Network port code . . . . . NETPSLT      *ALL _____
Select by Call window code . . . . . CWDWSLT       *ALL _____
Select by Control script . . . . . SCRIPTSLT       *ALL _____
Send to Network(s) . . . . . NETSND               *NONE _____
Stop on partial error option . . . . . ERROPT      *ANY _____

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

Select by Network code NETSLT – If a network ID is specified, only those messages for the specified network will be wrapped and optionally sent. The default is ***ALL**.

Select by Network account code NETASLT – If a network account code is specified, only those messages for the specified network account will be wrapped and optionally sent. The default is ***ALL**.

Select by Network port code NETPSLT – If a network port code is specified, only those messages for the specified network port will be wrapped and optionally sent. The default is ***ALL**.

Select by Call window code CWDWSLT – If a call window code is specified, only those messages for the specified call window will be wrapped and optionally sent. The default is ***ALL**.

Select by Control script SCRIPTSLT – If a control script code is specified, only those messages for the specified control script will be

wrapped and optionally sent. The default is ***ALL**.

Send to Network(s) NETSND – Specifies whether any connections created but not sent should be placed onto the communications job queue to be sent to the networks.

***NONE** must be used if the Wrap for Network(s) parameter is ***NONE**.

Possible values:

*ALL	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the network(s).
*NONE	Must be specified if NETWRP parameter is *NONE.
Network ID	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the specific network.

Stop on partial error option ERROP – Specifies where the outgoing process should stop if a step completes with partial errors. If a step completes with the resulting status entirely in error, the process will also stop.

- ***ANY** indicates that the process will be stopped at any step that completes with at least one error.
- ***NO** indicates that the process will not stop with partial errors, but instead will continue to use the data not in error to complete subsequent steps.
- ***WRP** causes the process to stop only if the wrapping step completes with partial errors.

Possible values:

*ANY	Stop at any error.
*NO	Do not stop on partial errors.
*WRP	Stop at wrapping error.

CRTEENVLOG Create envelope log records

The CRTEENVLOG command assembles previously translated messages (documents) into groups and interchanges, creates the envelopes, and optionally assembles the interchanges into network connections and sends the connections to the appropriate networks. The messages assembled into groups and interchanges may be from different application data batches. **Note:** A list of error messages issued by the CRTEENVLOG(B) command that can be monitored appears in the “Error Messages” section of this manual.

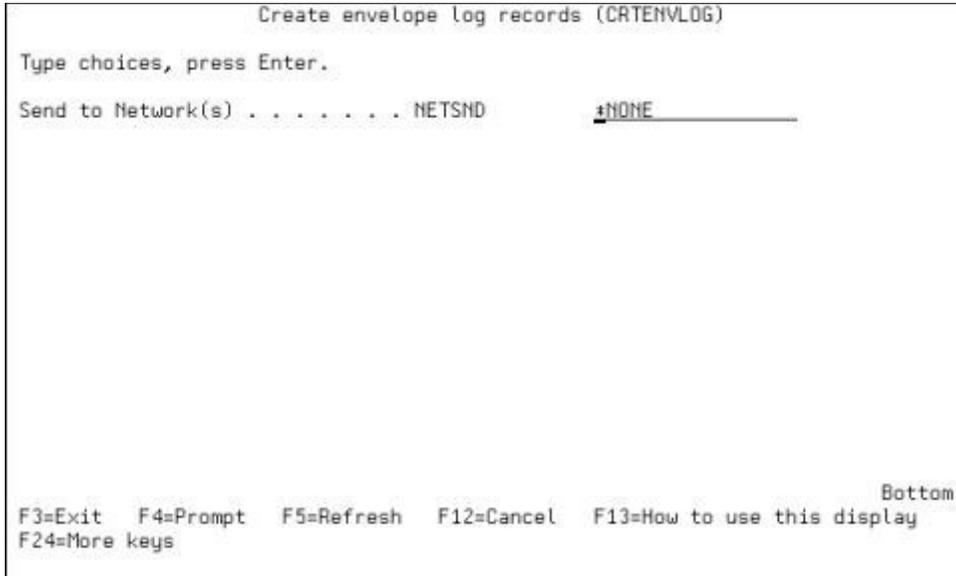
```

Create envelope log records (CRTEENVLOG)

Type choices, press Enter.

Stop on partial error option . . . ERROPT          #ANY
Select by Application file set  FSETSLT          #ALL
Select by Network code . . . . NETSLT           #ALL
Select by Network account code  NETASLT          #ALL
Select by Network port code . . NETPSLT         #ALL
Select by Call window code . . . CWDWSLT        #ALL
Select by Control script . . . . SCRIPTSLT      #ALL
Select by Trading partner code  TPCDSL           #ALL
Select by Group code . . . . . GPCDSL           #ALL
Select by Message identifier . . MSIDL           #ALL
Select by Message class name . . MCLSSL         #ALL
Query selection expression . . . QRYSLT         #ALL

-----
Wrap for Network(s) . . . . . NETWRP           #NONE
More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
    
```



Stop on partial error option

ERROPT – Specifies where the outgoing process should stop if a step completes with partial errors. If a step completes with the resulting status entirely in error, the process will also stop.

- ***ANY** indicates that the process will be stopped at any step that completes with at least one error.
- ***NO** indicates that the process will not stop with partial errors, but instead will continue to use the data not in error to complete subsequent steps.
- The other values cause the process to stop only if the specified step completes with partial errors.

Possible values:

*ANY	Stop at any error.
*ENV	Stop at enveloping error.
*NO	Do not stop on partial errors.
*WRP	Stop at wrapping error.

Select by Application file set	FSETSLT – If an application file set is specified, only those messages for the specified file set will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Network code	NETSLT – If a network ID is specified, only those messages for the specified network will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Network account code	NETASLT – If a network account code is specified, only those messages for the specified network account will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Network port code	NETPSLT – If a network port code is specified, only those messages for the specified network port will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Call window code	CWDWSLT – If a call window code is specified, only those messages for the specified call window will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Control script	SCRIPTSLT – If a control script code is specified, only those messages for the specified control script will be enveloped, and optionally wrapped and sent. The default is *ALL .
Select by Trading partner code	TPCDSLT – If a trading partner code is specified, only those messages for the specified trading partner will be enveloped, and optionally wrapped and sent. The

default is ***ALL**.

Select by Group code GPCDSLTL – If a group code is specified, only those messages for the specified group will be enveloped, and optionally wrapped and sent. The default is ***ALL**.

Select by Message identifier MSIDLTL – If a message identifier is specified, only those messages with the specified message identifier will be enveloped, and optionally wrapped and sent. The default is ***ALL**.

Select by Message class name MCLSSLTL – If a message class is specified, only those messages with the specified message class will be enveloped, and optionally wrapped and sent. The default is ***ALL**.

Query selection expression QRYSLTL – If the desired subset of messages cannot be specified using the parameters, a query expression using data from the *Log of Message* record may be used.

Possible values:

*ALL	Process all messages.
Query selection expression	Contact Technical Support for details on the query selection expression.

Wrap for Network(s) NETWRP – Specifies whether any interchanges created (not only from this application data batch) should be placed into connections after the envelopes for this batch have been created.

Possible values:

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*ALL	Connections for all networks for which there are interchanges to send will be created. If a network name is specified, a connection for the specified network only, containing the appropriate interchange(s), will be created.
*NONE	No interchanges are placed into connections.
Network ID	A connection for the specified network only, containing the appropriate interchange(s), will be created.

Send to Network(s) NETSND – Specifies whether any connections created but not sent should be placed onto the communications job queue to be sent to the networks.

***NONE** must be used if the Wrap for Network(s) parameter is ***NONE**.

Possible values:

*ALL	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the network(s).
*NONE	Must be specified if NETWRP parameter is *NONE.
Network ID	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the specific network.

CRTFADTA **Generate outgoing ack**

The CRTFADT command displays selection and control options to be used to start a job that will:

1. Generate outgoing functional acknowledgements for all incoming data with an acknowledgement status of **E** (Acknowledgement in process).
During this process, the acknowledgement status of all included logs of message, group, and interchange will be **E** (Acknowledgement in process).
2. Assemble the generated acknowledgement messages into groups and interchanges with status **E** (Generate outgoing acknowledgement).
3. If the Wrap for Network(s) parameter is not ***NONE**, process all interchanges for the selected networks of st creating connection log records as required.

For each connection, the data from each interchange will be copied to a new non-wrapped data member for the connection and the actual group and interchange envelope segments will be created.

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The message envelope segments will be updated with message control reference numbers. All segments in the connection will then be copied to a wrapped data member and the status will be.

4. If the Send to Network(s) is not ***NONE**, submit or execute a job to send each connection of status **Wrapped** for the appropriate networks.
5. After the connections containing the outgoing acknowledgements have been successfully sent, the corresponding incoming log records will have their acknowledgement status updated to **S** (Sent).

This step occurs automatically after sending whether the send job was created through the current job or as a result of later processing.

```
Generate outgoing ack (CRTFADTA)

Type choices, press Enter.

Wrap for Network(s) . . . . . NETWRP      *NONE
Send to Network(s) . . . . . NETSND      *NONE
Stop on partial error option . . ERROPT  *ANY

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

If either step 1 or 2 above ends in an error status, the process will not proceed to the next step.

If any of steps 1-3 ends in a **Mixed** status (for example, some interchanges/ connections have errors, but not all) then the process may continue to the next step with the successful items. Whether it does continue is controlled by the Stop on partial error option parameter.

If the acknowledgement generation job ends in error, some messages scheduled to be acknowledged may be left with the acknowledgement status of **I**.

Use the **Work with outgoing application data log** panel to determine the cause of the error. Correct the error, and then use the **Work with interchange data** panel to mark the corresponding interchanges being acknowledged back to an acknowledgement status of **P** (Pending). Then run this command again.

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Note: A list of error messages issued by the CRTFADTA(B) command that can be monitored appears in the “Error Messages” section of this manual.

Wrap for Network(s) NETWRP – Specifies whether any interchanges created (not only from this application data batch) should be placed into connections after the envelopes for this batch have been created.

Possible values:

*ALL	Connections for all networks for which there are interchanges to send will be created. If a network name is specified, a connection for the specified network only, containing the appropriate interchange(s), will be created.
*NONE	No interchanges are placed into connections.
Network ID	A connection for the specified network only, containing the appropriate interchange(s), will be created.

Send to Network(s) NETSND – Specifies whether any connections created but not sent should be placed onto the communications job queue to be sent to the networks.

***NONE** must be used if the Wrap for Network(s) parameter is ***NONE**.

Possible values:

*ALL	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the network(s).
*NONE	Must be specified if NETWRP parameter is *NONE.
Network ID	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the specific network.

Stop on partial error option ERROPT – Specifies where the outgoing process should stop if a step completes with partial errors. If a step completes with the resulting status entirely in error,

the process will also stop.

- ***ANY** indicates that the process will be stopped at any step that completes with at least one error.
- ***NO** indicates that the process will not stop with partial errors, but instead will continue to use the data not in error to complete subsequent steps.
- ***WRP** causes the process to stop only if the wrapping step completes with partial errors.

Possible values:

*ANY	Stop at any error.
*NO	Do not stop on partial errors.
*WRP	Stop at wrapping error.

D

DLTCNN Delete connection

The DLTCNN command deletes one connection at a time. You may specify that the data, log records, or both be deleted. The associated send/receive members and the message queue may also be flagged for removal. This command will also process the interchanges, groups, and messages associated with the specified connection.

```

Delete connection (DLTCNN)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR
Delete option . . . . . DLTOPT           *DATA
Send data member name . . . . . SNDMBR    *NONE
Receive data member name . . . . . RCVMBR  *NONE
Connection message queue name . . . . . CNNMSGQ  *NONE

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

Connection log number CNNLOGNBR – The log number of a connection.

Delete option DLTOPT – The types of data to delete.

Possible values:

*BOTH	Delete both data and log records.
*DATA	Delete only data.
*LOGS	Delete only log records.

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Send data member name SNDMBR – The send member to be removed.

Possible values:

*LOG	The send data member name to be removed will be determined from the log of connection record.
*NONE	Do not attempt to remove the send member.
Send data member name	Send data member name to be removed.

Receive data member name RCVMBR – The receive member to be removed.

Possible values:

*LOG	The receive data member name to be removed will be determined from the log of connection record.
*NONE	Do not attempt to remove the receive member.
Receive data member name	Receive data member name to be removed.

Connection message queue name CNNMSGQ – The connection message queue to be delete

Possible values:

*LOG	The connection message queue name to be deleted will be determined from the log of connection record.
*NONE	Do not attempt to delete the connection message queue.
Connection message queue name	The name of the connection message queue to be deleted.

DLTCNNLOG Delete logs under a connection

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The DLTCNNLOG command deletes the requested logs that belong to the specified connection log number. The logs being deleted consist of that log level and any logs belonging to it.

```
Delete logs under a connection (DLTCNNLOG)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR
Logs at this level and below . . DLTLOG      *INT

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

Connection log number CNNLOGNBR – The log number of a connection.

Logs at this level and below DLTLOG – The log records belonging to the specified connection log number to be deleted.

Possible values:

*GRP	Delete all group and message logs.
*INT	Delete all interchange, group and message logs.
*MSG	Delete all message logs.

DLTCT Delete code table EVEN IF USED

The DLTCT command deletes a single code table even if it is being used.

```
Delete code table EVEN IF USED (DLTCT)
Type choices, press Enter.
Code table reference name . . . TABLE
Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
```

Code table reference name TABLE – The code table to be deleted.

DLTDTA Purge data and log files

The DLTDTA command marks for deletion all connections, interchanges, groups, and messages which are eligible for deletion based on the automatic purge specifications defined in the trading partner message class options file. The default automatic purge specification is for no automatic purge.

After the appropriate records are marked for deletion, the data and log records may be deleted, unreferenced message queues may be deleted, and the log files may be reorganized. Optional parameters control functions performed when the command is executed.

The Save data & logs before delete parameter and associated device parameters may be used to save all data and logs, just those marked for deletion, or none.

To review the data to be deleted prior to actually deleting it, use ***YES** for the Mark log records for deletion parameter, either ***ALL** or ***SPECIFIC** for the Print logs marked for delete parameter, and ***NO** for all other parameters. The printed output may then be examined to review what is scheduled for deletion.

Whenever this command is run with ***YES** for the Mark log records for deletion parameter, records are written to the “logs marked for deletion” file according to the current values of the trading partner message class options file. All deletion criteria is contained in this file.

Delete specifications can be specified down to the message level. If most of the records marked for deletion are as desired, but additional fine-tuning is required, perform additional modifications to the trading partner message class options file and then re-run this command. When the list of log records

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marked for deletion is correct, execute this command again with the Mark log records for deletion parameter set to ***NO** and the other parameters set to control the level of deletion required.

To reorganize the log files, the Reorganize log files parameter should be ***YES**.

This command renders Cleo EEI unusable until the action is completed. Depending upon data volumes and how often this command is run, this could be a time-consuming process.

```
Purge data and log files (DLTDTA)

Type choices, press Enter.

Mark log records for deletion . MARK          *YES
Perform actual deletion . . . . DELETE      *NO
Print logs marked for delete . . PRINT       *ALL
Save data & logs before delete . SAVE        *OBSOLETE
Delete unreferenced msg queues . DLTMSGQ    *YES
Reorganize log files . . . . . REORG        *YES
Execute exit point . . . . . EXITPOINT     *YES
Print selections:
  By TP, Grp, MsgID, MsgCls, Dir            *NO
  By MsgID, Dir . . . . .                  *NO
  By MsgID, MsgCls, Dir . . . . .         *NO
  By Grp, Dir . . . . .                    *NO
  By TP, Dir . . . . .                     *NO
  Connection deletion summary .           *NO
  Cnn's marked delete - no msgs           *NO
Device . . . . . DEV                       *SYSVAL

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

```
Purge data and log files (DLTDTA)

Type choices, press Enter.

Volume identifier . . . . . VOL             *MOUNTED
Sequence number . . . . . SEQNBR          *END
Label . . . . . LABEL                     *LIB
File expiration date . . . . . EXPDATE    *SYSVAL
End of tape option . . . . . ENDOPT       *SYSVAL
Save file . . . . . SAVF                  *LIB
Library . . . . . CRTSAVF                 *YES

Additional Parameters

Target release . . . . . TGTALS           *CURRENT
Clear . . . . . CLEAR                     *NONE
Data compression . . . . . DTACPR        *SYSVAL
Data compaction . . . . . COMPACT        *SYSVAL

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

Mark log records for deletion

MARK – The default ***YES** specifies that all log records are to be checked against the deletion options as specified by the trading partner message class. There must be a default trading partner message class option record ***ALL**, which is used to signify those trading partners not specifically included in the options file.

The logs are marked from the message level to group level. and then the interchange level. The logs at the connection level are then marked based on the status of the interchanges (if any) that they include. If a connection has no interchanges (for example, a report call or a “no EDI data” call) it will be marked according to the trading partner ***ALL** options.

Records meeting the deletion options are then written to the logs marked for deletion. This allows the process to be reversed without losing any of the log statuses. Since the Mark log records for deletion parameter may be used with the Perform actual deletion parameter ***NO**, marking does not necessarily mean a deletion is in progress.

Possible values:

*NO	No log records will be marked or un-marked. Records that were previously marked may be deleted if specified.
*UNMARK	All log records currently marked for deletion will be un-marked, without regard to the trading partner message class options.
*YES	All log records that meet the deletion criteria specified in the trading partner M/C options file will be marked for deletion. Records that were previously marked which no longer meet the criteria will be un-marked.

Perform actual deletion DELETE – Specifies whether deletion is to be done.

Possible values:

*NO	Deletion will not be done.
*YES	Deletion will be done.

Print logs marked for delete PRINT – Specifies whether reports listing all logs marked for deletion are to be produced; these reports are:

- **Cnn’s Marked for Delete with No Msgs**
- **Connection deletion summary**
- **Summary of Logs Marked for Deletion**

In addition, if the Save data & logs before delete parameter is not ***NO**, specifying ***YES** here will also specify ***PRINT** for the Output parameter on the SAVCNNDTA command.

Possible values:

*ALL	All reports will be printed.
*NONE	No reports will be printed.
*SPECIFIC	User selected reports will be printed.

**Save data & logs
before delete**

SAVE – Specifies whether to execute the SAVCNNDTA command after marking for deletion (if specified), but before the actual deletion step (if specified). Several parameters are only applicable if Save data & logs before delete is not ***NO**.

Not all parameters on the SAVCNNDTA command are controllable here. For example, the save operation performed through the DLTDTA command will always specify ***YES** for the Update (Cleo) save history parameter on the SAVCNNDTA command. If more control over the save options is required, the SAVCNNDTA command may be executed separately prior to the DLTDTA command.

Possible values:

*NO	No save operation will be performed.
*OBSOLETE	Save only those log records that are marked for deletion, and all data associated with those log records. The log records will be saved even if the DLTLOG parameter specifies not to delete them.
*YES	Save all connection data and log records to the device specified in the Device parameter after records are marked for deletion.

**Delete unreferenced
msg queues**

DLTMSGQ – Message queues are created for each connection and for each translation job. These are normally deleted when the associated object is deleted.

A single translation job may refer to messages in many interchanges and many connections – it is therefore not always possible to delete its message queue based on interchange and connection deletion.

***YES** specifies that after the log records are deleted, a list of all message queues in the library specified in the EXMSGQLIB data area will be created. All message queues in this list will then be checked for any remaining log references, and any with no remaining references will be deleted.

Possible values:

*NO	No deletion of un-referenced message queues will occur.
*YES	Will cause any message queues in the current Cleo message queue library (default name EXTINTMSGQ) which are no longer referenced by any log records to be deleted.

Reorganize log files

REORG – The data space occupied by deleted records is not made available for use until the log files are reorganized. ***YES** specifies that the **Reorganize Physical File Mbr** command (RGZPFM) command is to be executed against each of the log files after records have been deleted.

In addition, if the Save data & logs before delete parameter is not ***NO**, this parameter will also be used as the Reorganize before copy value for the **Save connection data and logs** command (SAVCNNDTA). Therefore, if the Save data & logs before delete parameter is not ***NO**, the reorganization will be performed before the save operation, and again after the deletion operation.

Since reorganization of the log file may take a long time if there are many log records, and since this command prevents normal operations while it is executing, ***NO** is provided to allow for a shorter processing time.

The log files may be reorganized later using the **Reorganize all log files** command (RGZLOG) command or the **Reorg all non-stds files** command (RGZALL). Or, this command may be run again later with all options disabled except this parameter, specified as ***YES**. Also, if your system has a utility which periodically reorganizes all physical files, you may wish to specify ***NO**.

Possible values:

*NO	No reorganization of the log files will occur.
*YES	Will cause the log files to be reorganized.

Uptime Maintenance

The *Uptime maintenance library* field specifies the use of an Uptime Library. This works by copying your current EEI Files Library and creating a temporary version or *uptime environment* that maintains active processing while the selected records are purged and/or reorganized. Finally, both libraries are merged with limited downtime, and normal processing resumes.

Execute exit point EXITPOINT – Specifies whether exit point RD (*Ready to delete*) is to be called.

Possible values:

*NO	Exit point will not be called.
*YES	Exit point will be called.

Print selections PRINTTYPE – Seven user-selected reports to prod
The default for each is ***NO**. The reports are:

By **TP, Grp, MsgID, MsgCls, Dir**

- By **MsgID, Dir**
 - By **MsgID, MsgCls, Dir**
 - By **Grp, Dir**
 - By **TP, Dir**
 - **Connection deletion summary**
 - **Cnn's marked delete - no msgs**
-

Device DEV – The device used for the save operation (i
be known on the system by a device description)
Multiple device names and diskette devices are
supported.

Possible values:

*MEDDFN	The save operation is done using the devices and media identified in the media definition specified by the Media definition prompt (MEDDFN parameter
*SAVF	The save operation is done using the save file specified by the SAVF parameter.
*SYSVAL	The value contained in the system parameter EXDE will be substituted.
diskette-device-name	Specify the name of the diskette device used for the save operation.
optical-device-name	Specify the name of the optical device used for the save operation.
tape-device-name	Specify the names of one or more tape devices used for the save operation. If multiple tape devices are used, they must have compatible media format and their names must be specified in the order in which they are used. Using more than one tape device permits one tape volume to be rewound and unloaded while another tape device processes the next tape volume. To use more than one device in

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	parallel, a media definition must be specified.
tape-media-library-device-name	Specify the name of the tape media library device used for the save operation.

Volume identifier	VO – See “Save commands” in the “Shared Parameters” section.
--------------------------	--------------------------------------------------------------

Sequence number	SEQNBR – When tape is used, the sequence number to use for the save operation. Possible values:
------------------------	--------------------------------------------------------------------------------------------------------

*END	The save operation begins after the last sequence number on the first tape. If the first tape is full, an error message is issued and the operation ends.
file-sequence-number	Specify the sequence number of the file to be used for the save operation. Valid values range from 1 through 16777215.

Label	LABEL – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section. The default is *SYSVAL .

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section. The default is *SYSVAL .

Save file SAVF – See “Save commands” in the “Shared Parameters” section.

Create save file CRTSAVF – See “Save commands” in the “Shared Parameters” section.

Additional Parameters

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Clear CLEAR – See “Save commands” in the “Shared Parameters” section.

Data compression DTACPR – See “Save commands” in the “Shared Parameters” section. The default is ***SYSVAL**.

*SYSVAL	The value contained in the system parameter EXDTACPR will be substituted.
---------	---------------------------------------------------------------------------

Data compaction COMPACT – See “Save commands” in the “Shared Parameters” section.

DLTMC Delete message class NO CHECK

The DLTMC command deletes all records for a specified message class.

The difference between this command and the **Delete** option on the **Work with message class** panel is that the command will perform the deletion unconditionally while the panel option will first check for usage. This means that the command will delete message class records referred to by other records. It should therefore only be used in preparation for restoring or rebuilding the same message class.

This command is intended for use in preparation for replacing message class records with new versions copied from another library (CPYMC), a backup (RSTMC), or another system (RCVMC).

```

Delete message class NO CHECK (DLTMC)

Type choices, press Enter.

Message ID . . . . . MSGID      _____
Message class . . . . . MSGCLS   _____
Check constants before delete . CHKCON  +YES
Files library . . . . . LIBRARY   +CURRENT

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

Message ID MSGID – The message ID to be deleted. ***ALL** may be used. You may not specify ***ALL** for both Message Message class.

Message class MSGCLS – The message class to be deleted. ***ALL** may be used. You may not specify ***ALL** for both Message Message class.

Check constants before delete CHKCON – Specifies whether message class constants to be checked for references from other message classes before the delete operation begins.

Message class constants are the only part of a message class that may be referred to from another message class.

Possible values:

*NO	Do not check for references from other message classes; message classes remain usable unless the reference constants are replaced.
*YES	Check for references from other message classes; do not proceed with deletion if any are found.

Files library LIBRARY – The files library containing message class records to be deleted.

Possible values:

*CURRENT	The library name found in the CLEO system value EXTFILLIB will be used.
*LIBL	All libraries in the job's library list are searched for the message class files until a match is found.
files-library-name	Specify the name of an CLEO files library.

DLTSTD Dlt standards tables-NO CHECK

The DLTSTD command deletes all records for a specified standard class, industry group, and version/release.

The difference between this command and the function performed by taking the **File / Open / Standards / Selective Standards Deletion** selection is that the command will perform the deletion unconditionally, while the menu selection will first check for usage.

This means that the command will delete standards records referred by message classes. It should therefore only be used in preparation for restoring or re-building the same standards class.

```

Dlt standards tables-NO CHECK (DLTSTD)

Type choices, press Enter.

Standard class code . . . . . STDCLS
Industry group code . . . . . INDGRP
Version-release . . . . . VERREL
Update to EXTOL files library . UPDSYSFLIB  *CURRENT

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

Standard class code STDCLS – The standard class to be deleted.

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Industry group code INDGRP – The industry group to be deleted.

Version-release VERREL – The version-release to be deleted.

Update to CLEO files library UPDSYSFLIB – The files library containing the records to be deleted.

Possible values:

*CURRENT	The library name found in the CLEO system value EXTFILLIB will be used.
Update to Cleo files library	Specify the name of an Cleo files library.

DLTTP **Dlt Trading partner NO CHECK**

The DLTTP command deletes all records for a specified trading partner, including the trading partner group and trading partner message class records.

The difference between this command and the **Delete** option on the **Work with trading partners** panel is that the command will perform the deletion unconditionally, while the panel option will first check for usage.

This means that the command will delete trading partner records referred by other records. It should therefore only be used in preparation for restoring or rebuilding the same trading partner.

This command is intended for use in preparation for replacing trading partner records with new versions copied from another library (CPYTP), a backup (RSTTP), or another system (RCVTP).

```
      Dlt Trading partner NO CHECK (DLTTP)
Type choices, press Enter.
Trading partner code . . . . . TPCD      _____

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

Trading partner code TPCD – The trading partner to be deleted.

DSPDIN Display non-wrapped data

The DSPDIN command displays data from a network connection in a non-wrapped format (for example, one record per segment).

This command calls the same display program used when the **Data** option is taken on the **Work with interchanges**, **Work with functional groups**, or **Work with messages** panels.

```
      Display non-wrapped data (DSPDIN)
Type choices, press Enter.
Member . . . . . MBR      _____
Select segment types . . . . . SELECT  3ALL
Start at record number . . . . . START  1

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

Member MBR – The file member containing the data from the connection to be displayed. This member is available on the connection, interchange, group, and message details panels.

Select segment types SELECT – The type of segments to be displayed.

Possible values:

*ALL	Display all segments in the connection.
*ALLENV	Display only the envelope segments.
*INT	Display only the interchange envelope segments.
*INTGRP	Display only the interchange and group envelope segments.

Start at record number START – The relative record number within the specified member at which the display of non-wrapped data is started. The default is 1, which starts at the beginning of the member.

DSPDTAQE Display Data Queue Entries

DSPDTAQE shows the entries in a data queue without modifying the contents.

DSPDTAQINF Display Data Queue Information

The DSPDTAQINF command shows header level information about a data queue. Access to the data queue entries also exists on this screen.

DSPENVNAM Display environment name

The DSPENVNAM command allows the user to display the Cleo “environment name”. Besides appearing in the heading of every Cleo EEI report, the environment name is displayed in the upper left corner of Native OS/400 panels and in the title bar of GUI panels.

The environment name is useful in installations in which multiple file libraries have been created on the same machine (for example, test and production), or where users may pass through to more than one machine on which Cleo EEI has been installed.

Note: To change the environment name and/or the display attribute for an environment name, use the CHGENVNAM command.

```

Type choices, press Enter.
Library name . . . . . LIB      *LIBL
                                     Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
    
```

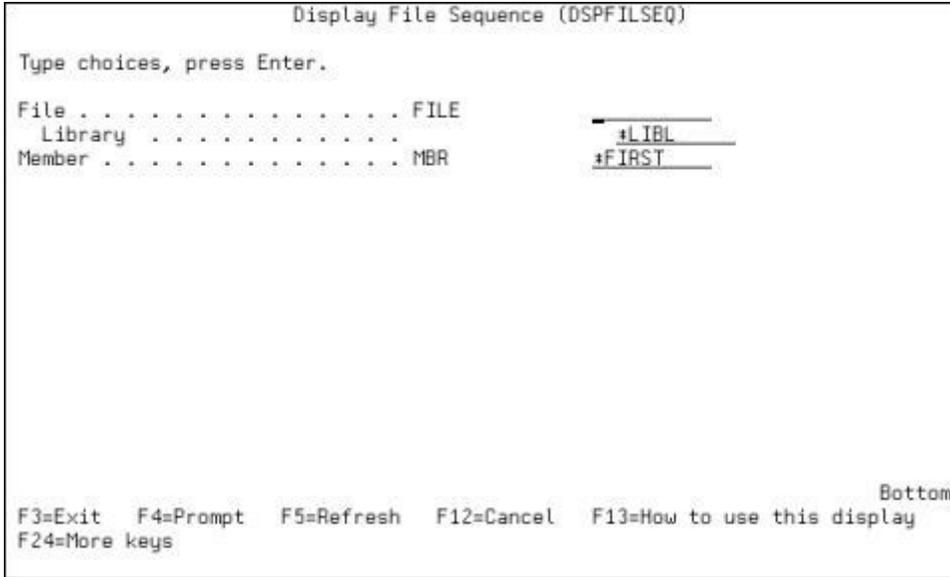
Library name LIB - The library for which the environment name objects are to be displayed.

Possible values:

*LIBL	The library list will be used to search for the environment name objects.
library-name	The environment name objects in the specified lib will be displayed. If the objects do not exist in library, an error message will be issued.

DSPFILSEQ Display File Sequence

The DSPFILSEQ command is used to review the sequence of records as read from a multi-format logical file. This can be very useful for debugging mapping problems. Any keyed file can be specified for this utility.



File FILE - The file and library to be used by this utility.

Possible Library values:

*LIBL	The library list is used to locate the database f
Library name	Specify the library where the database file is lo

Member MBR - The file member to be processed.

Possible values:

*FIRST	The first member of the database file is used.
Member name	The specific member to be processed.

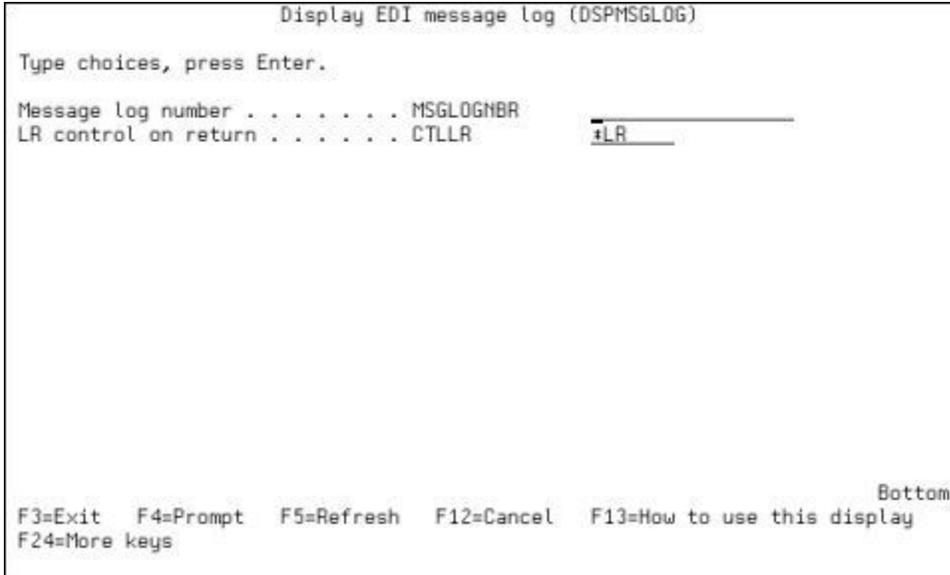
DSPMSGLOG Display EDI message log

The DSPMSGLOG command is intended to be called from a user program, using the message log number as a parameter. The message log number for each message should be mapped into an application file field during incoming translation.

A user inquiry program may, for example, pass this field as a parameter to this command when a function key labeled “display EDI info” is pressed. The command will display the message log record for the appropriate document. This panel has function keys that will print the log records, display and/or print the actual data for this document, and display the functional acknowledgement information for

this document.

Using this command in this manner provides a direct interface to data from a user inquiry program, without requiring the user to exit the current program and enter the Cleo system.



Message log number MSGLOGNBR – The number of the message log to be displayed.

LR control on return CTLLR – Specifies whether LR is set on after the command completes.

Possible values:

*LR	The last record indicator is set on upon job completi
*LROONLY	The display message log program runs in a special mo which just sets on LR, in order to close down the pr from a prior run with LR not set on.
*NLR	The last record indicator is not set on upon job completion.

DSPMSGREF Display message by ref fields

The DSPMSGREF command allows you to review message reference fields ordered by reference fields, trading partner, date, or message class.

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```

Display message by ref fields (DSPMSGREF)

Type choices, press Enter.

Data view sequence . . . . . DATASEQ      ±REFS
Reference field #1 . . . . . REF1          _____
Reference field #2 . . . . . REF2          _____
Reference field #3 . . . . . REF3          _____
LR control on return . . . . . CTLLR      ±LR

Additional Parameters

Beginning at connect date/time: DATTIM
Beginning time . . . . . ±AVAIL
Beginning date . . . . . ±BEGIN
Trading partner . . . . . TPCD           ±ALL
Functional group code . . . . . GPCD     ±ALL
More...

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

```

Display message by ref fields (DSPMSGREF)

Type choices, press Enter.

Message ID . . . . . MSGID              ±ALL
Message class . . . . . MSGCLS          ±ALL
Functional status . . . . . FSTS        ±ALL
Scan limit . . . . . SCNLMT            5000

Bottom

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

Data view sequence DATASEQ – The sequence of data presented.

Possible values:

*DATE	By date of connection.
*MSGID	By message ID and class.

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	*REFS	By reference fields.
	*TP	By trading partner code.

Reference field #1	REF1 – Positioning content for reference field #1
Reference field #2	REF2 – Positioning content for reference field #2
Reference field #3	REF3 – Positioning content for reference field #3

LR control on return	CTLLR – How to handle program resources when ending current data review.
-----------------------------	--------------------------------------------------------------------------

Possible values:

*LR	Reclaim all resources.
*LRONLY	Reclaim all resources.
*NLR	Do not reclaim resources.

Additional Parameters

Beginning at connect date/time	DATTIM – Positioning content for connection date/time.
Trading partner	TPCD – The trading partners to include. The default is *ALL .
Functional group code	GPCD – The functional groups to include. The default is *ALL .
Message ID	MSGID – The message IDs to include. The default is *ALL .
Message class	MSGCLS – The message classes to include. The default is *ALL .

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Functional status FSTS – The **Functional** status of the message.
Possible values:

*ADDED (A)	
*ALL	All functional status records will be included.
*DUPERR (D)	
*ENV (L)	
*ENVERR (Q)	
*GEN (G)	
*GENERR (H)	
*MIXED (M)	
*PURGE (P)	
*RCVD (R)	
*RCVERR (I)	
*SENT (S)	
*SNDERR (F)	
*TRANS (T)	
*TRNERR (E)	
*UNWERR (V)	
*UNWNO (N)	
*UNWRAP (U)	
*WRAP (W)	
*WRPERR (X)	

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Scan limit SCNLMT – Maximum number of records to process as a unit during scanning.

Possible values:

*NONE	No limit.
500	

E

EDIRPT Print EDI report

The EDIRPT command produces the **Log of group** report from data in the *Log of Group* file. Accepting the default values for this command's parameters yields a report covering all groups currently in Cleo EEI.

```

Print EDI report (EDIRPT)

Type choices, press Enter.

From connection date . . . . . FROMCNNDT      #START
                    time . . . . . FROMCNNTM    000000
To   connection date . . . . . TOCNNDT        #END
                    time . . . . . TOCNNTM      235959

Additional Parameters

Function status . . . . . FSTS                #ALL
Trading partner . . . . . TPCD                #ALL
Direction . . . . . DRCD                     B
Functional group code . . . . . GPCD          #ALL
Acknowledgement status . . . . . ASTS         #ALL

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

Additional Parameters

From connection date FROMCNNDT- The *Start of connection* date at which record selection begins. The default ***START** signifies the earliest date available.

From connection time FROMCNNT - The *Start of connection* time at which record selection begins. The default **000000** is the earliest available time.

To connection date TOCNNDT- The *Start of connection* date after which record selection ends. The default ***END** signifies the last date available.

To connection time TOCNNTM - The *Start of connection* time after which record selection ends. The default **235959** represents 11:59:59 pm.

Function status FSTS - Possible values:

*ALL	Show all groups.
*ERROR	Show only those groups which are in an error status. (e.g. an unwrap error or a translate error).

Trading partner TPCD - The default is ***ALL**.

Direction DRCD - Possible values:

B	Show groups which were either sent or received.
R	Show groups which were received.
S	Show groups which were sent.

Functional group code GPCD - The default is ***ALL**.

Acknowledgement status ASTS - The status of the functional acknowledgement. Possible values:

*ACCEPTED	Acknowledgement is accepted.
*ALL	Show groups regardless of functional acknowledgement status.
*ERROR	Acknowledgement with errors.

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*LATE	Acknowledgement is late.
*NOTREQD	Acknowledgement not required.
*PENDING	Acknowledgement is pending.
*REJECTED	Acknowledgement is rejected.
*SENT	Acknowledgement was sent.
A	Acknowledgement - accepted.
B	Acknowledgement - accepted part.
C	Acknowledgement created.
I	Acknowledgement in process.
L	Acknowledgement is late.
M	Acknowledgement - mixed.
P	Acknowledgement pending.
R	Acknowledgement received.
S	Acknowledgement sent.
W	Acknowledgement wrapped.
X	Acknowledgement - rejected.

EDTDTAARA Edit data area value

The EDTDTAARA command allows the value of a data area in a specified library to be changed. When first prompted, the command's panel appears as below.

```

Edit data area value (EDTDTAARA)

Type choices, press Enter.

Data area specification:      DTAARA
  Data area . . . . .
  Library . . . . .          +LIBL
Substring specifications:
  Substring starting position . . . . . +ALL
  Substring length . . . . .

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

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When a valid data area name is entered, this command behaves the same as the **Change Data Area** command (CHGDTAARA) – but it initially displays the current value of the data area in the New value field (as below).

```
Change Data Area (CHGDTAARA)
Type choices, press Enter.
Data area specification:      DTAARA
Data area . . . . .          > EXEMAILDIR
Library . . . . .            > *LIBL
Substring specifications:
Substring starting position . #ALL
Substring length . . . . .
New value . . . . . VALUE    > '/exemail'
```

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

Data area

DTAARA – The name and library of the data area to be changed. For character data areas only, the starting position and length of the character string may also be specified.

Possible values:

*GDA	The group data area associated with your group job is changed. The length of this character data area is 512 bytes.
*LDA	The local data area associated with your job is changed. The length of this character data area is 1024 bytes.
*PDA	The program initialization parameter data area associated with your pre-start job is changed. The length of this character data area is 2000 bytes.
data-area-name	The name and library of the data area whose value is being changed.

Possible Library values:

*CURLIB	The current library for the job is used to locate the data area. If no library is specified as the current library for the job, QGPL is used.
*LIBL	All libraries in the job's library list are searched until the first match is found
library-name	Specify the name of the library where the data area is located.

Possible Substring starting position values:

*ALL	The entire data area is changed.
starting-position-element	Specify the starting position of the data area being changed.

Possible Substring length values:

length-element	Specify the length of the data area substring being changed.
-----------------------	--------------------------------------------------------------

New value

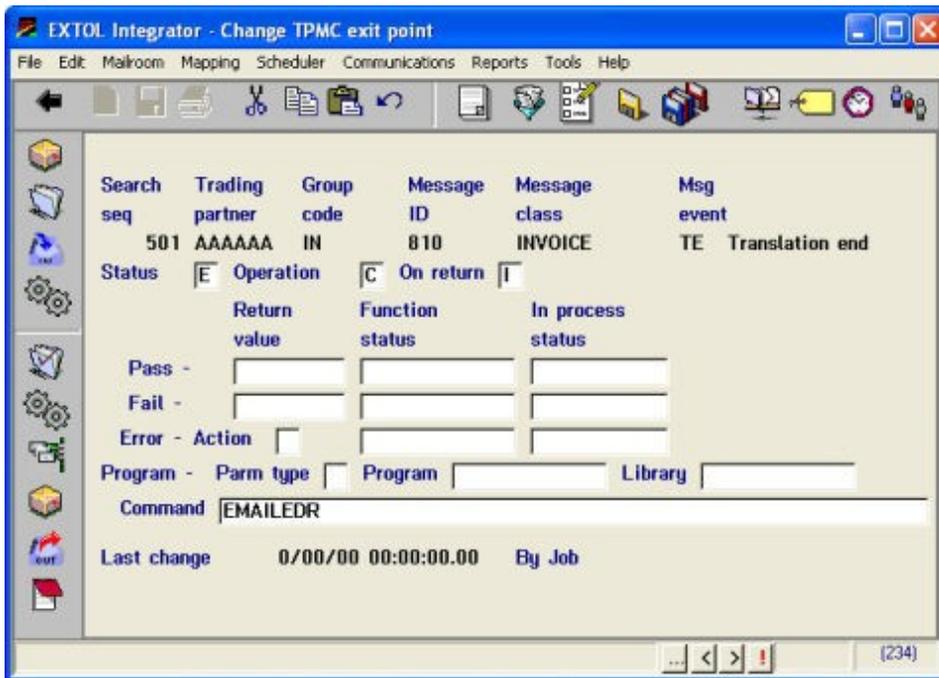
VALUE – This parameter appears only if a valid item was entered in the Data area field. Override the current value with the new value, ensuring that the new value is valid for the attributes specified.

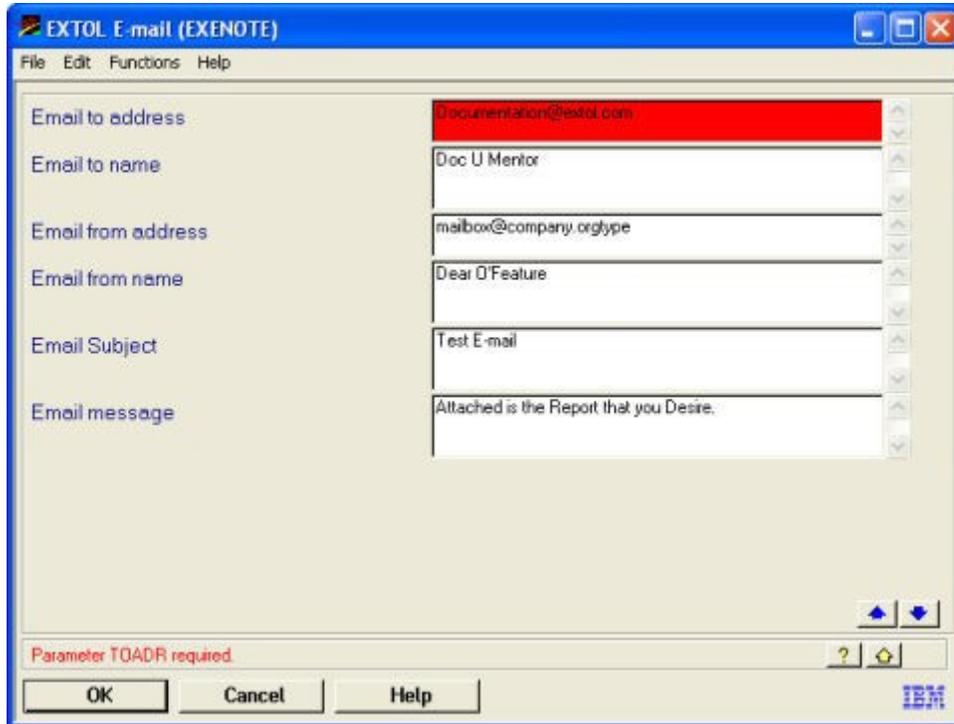
Two things to note:

- If ***CHAR** or ***LGL** was specified as the Type parameter when the data area was created, a numeric new value must be enclosed in apostrophes.
- If ***DEC** was specified as the Type parameter, the new value must not be enclosed in apostrophes.

EMAILEDR Cleo e-mail element data

The **EMAILEDR** command permits an element data report to be attached to an e-mail.





The parameters on the **Cleo e-mail element data** command panel and a description of how they are used:

Email to address The e-mail address of the recipient in the form:
mailbox@company.orgtype.

Email to name The name of the recipient of the e-mail.

Email from address The e-mail address of the sender in the form:
mailbox@company.orgtype.

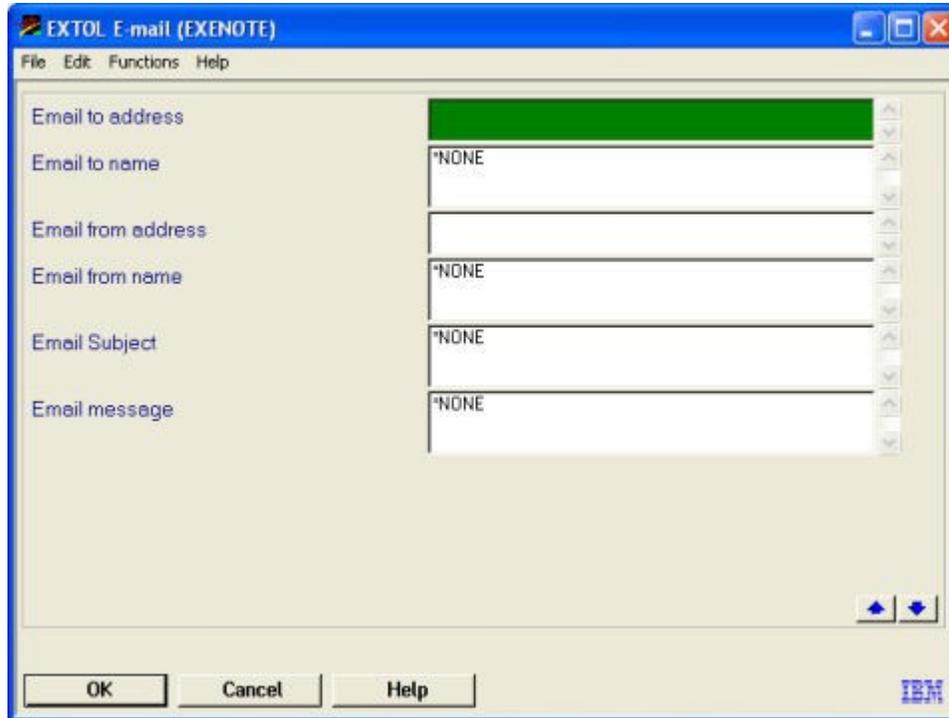
Email from name The name of the sender of the e-mail.

Email Subject A brief description of the e-mail's content.

Email message The body of the e-mail message.

EXENOTE Cleo E-mail

The **EXENOTE** command is designed for simple messaging, to prompt the **Cleo E-mail** command panel, type **EXENOTE** on a command line and press **F4**.



Note: For this command to perform correctly, TCP/IP must be configured and the SMTP service run.

The parameters on the **Cleo E-mail** command panel and a description of how they are used:

Email to address	The e-mail address of the recipient in the form: <i>mailbox@company.orgtype</i> .
Email to name	The name of the recipient of the e-mail.
Email from address	The e-mail address of the sender in the form: <i>mailbox@company.orgtype</i> .
Email from name	The name of the sender of the e-mail.
Email Subject	A brief description of the e-mail's content.
Email message	The body of the e-mail message.

EXPNRDTA Export nonwrapped data 1 cnn

The EXPNRDTA command allows export of non-wrapped data for one connection.

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```

Export nonwrapped data 1 cnn (EXPNUWRDTA)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR      _____
To database file . . . . . FILE                _____
Library . . . . .                               +LIBL_____
To member . . . . . MBR                       +FIRST_____
Existing member option . . . . . MBROPT       +ADD_____
Create file . . . . . CRTFILE                 +YES_____
Rcd length, if creating file . . . . . RCDLEN _____
Direction code . . . . . DIR                  +RECEIVE_____

                        Additional Parameters

Trading partner . . . . . TPCD                 +ALL_____
Functional status . . . . . FSTS              +ALL_____
In-process status . . . . . ISTS             +ALL_____
Acknowledgement status . . . . . ASTS        +ALL_____
Interchange syntax identifier . . . . . INTSTD +ALL_____

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

```

Export nonwrapped data 1 cnn (EXPNUWRDTA)

Type choices, press Enter.

Interchange version . . . . . INTVER          +ALL_____
Sender ID qualifier . . . . . SNDQUAL        +ALL_____
Sender ID . . . . . SNDID                    +ALL_____
-----
Receiver ID qualifier . . . . . RCVQUAL      +ALL_____
Receiver ID . . . . . RCVID                  +ALL_____
-----
Reverse routing address . . . . . REVADDR    +ALL_____
Routing address . . . . . RTGADDR           +ALL_____
Interchange date . . . . . INTDAT           +ALL_____
Interchange time . . . . . INTTIM           +ALL_____
Interchange control reference . . . . . INTCTL +ALL_____
Authorization qualifier . . . . . AUTHQUAL   +ALL_____
Authorization information . . . . . AUTHINFO +ALL_____
Security qualifier . . . . . SECQUAL        +ALL_____
Security information . . . . . SECINFO      +ALL_____

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

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```

Export nonwrapped data 1 cnn (EXPHWRDTA)

Type choices, press Enter.

Application reference . . . . . APPREF          +ALL_____
Priority code . . . . . PTYCODE             +ALL_____
Interchange ack request . . . . . INTACK      +ALL_____
Communications agreement . . . . . COMAGR     +ALL_____
-----
Test/Production indicator . . . . . TEST      +ALL_____
Number of included groups . . . . . NBRGAP    +ALL_____

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

Connection log number CNNLOGNBR – The connection log number to export.

To database file FILE – The export target database file and library.

Possible Library values:

*CURLIB	The current library for the job is used to locate the file. If no current library entry exists in the library list, QGPL is used.
*LIBL	All libraries in the job's library list are searched until the first match is found.
library name	library where file exists.

To member MBR – The database file member where the exported data will reside. Possible values:

*FIRST	The first member of the file will contain the exported data.
member name	The database file member name where the exported data will reside.

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Existing member option MBROPT – Specifies whether new records replace or are added to existing records. Possible values:

*ADD	Records will be added to the end of existing records.
*REPLACE	The existing records will be cleared, then the new records will be added.

Create file CRTFILE – Specifies whether a physical file is created to receive the data if the specified file does not exist. Possible values:

*NO	The file must exist when this command is started.
*YES	If the file does not exist, a physical file is created with the name specified on the file prompt.

Rcd length, if creating file RCDLEN – The number of bytes in the length of the records stored in the physical file. Valid values range from 1 through 32766 bytes.

Direction code DIR – Possible values:

*RECEIVE	Receive direction code.
*SEND	Send direction code.

Additional Parameters

Trading partner TPCD – The default is ***ALL**.

Functional status FSTS – The **Functional** status of the message. Possible values:

*ADDED (A)	
*ALL	All functional status records will be included.
*DUPERR (D)	
*ENV (L)	
*ENVERR (Q)	
*GEN (G)	
*GENERR (H)	

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*MIXED (M)	
*PURGE (P)	
*RCVD (R)	
*RCVERR (I)	
*SENT (S)	
*SNDERR (F)	
*TRANS (T)	
*TRNERR (E)	
*UNWERR (V)	
*UNWNO (N)	
*UNWRAP (U)	
*WRAP (W)	
*WRPERR (X)	

In-process status

ISTS – The **In process** status of the message.
Possible values:

*ADDING/a	
*ALL	All in-process status records will be included.
*DELETING/z	
*MIXED/m	
*PREPARING/p	
*RECEIVING/r	
*SCHED/c	
*SENDING/s	
*SPLITTING/v	
*TRANSLATING/t	

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*UNWRAPPING/u	
*WRAPPING/w	

Acknowledgement status ASTS – The status of the functional acknowledgement. Possible values:

*ACCEPTED/A	
*ALL	Any acknowledgement code will be accepted.
*CREATED/C	
*ERROR/E	
*INPROC/I	
*LATE/L	
*MIXED/M	
*NOTREQD/N	
*PARTIAL/B	
*PENDING/P	
*RECEIVED/R	
*REJECTED/X	
*SENT/S	
*WRAPPED/W	

Interchange syntax identifier INTSTD – The default is *ALL.

Interchange version INTVER – The default is *ALL.

Sender ID qualifier SNDQUAL – The default is *ALL.

Sender ID SNDID – The default is *ALL.

Receiver ID qualifier RCVQUAL – The default is *ALL.

Receiver ID RCVID – The default is *ALL.

Reverse routing REVADDR – The default is *ALL.

address

Routing address	RTGADDR – The default is *ALL .				
Interchange date	INTDAT – The default is *ALL .				
Interchange time	INTTIM – The default is *ALL .				
Interchange control reference	INTCTL – The default is *ALL .				
Authorization qualifier	AUTHQUAL – The default is *ALL .				
Authorization information	AUTHINFO – The default is *ALL .				
Security qualifier	SECQUAL – The default is *ALL .				
Security information	SECINFO – The default is *ALL .				
Application reference	APPREF – The default is *ALL .				
Priority code	PTYCODE – The default is *ALL .				
Interchange ack request	INTACK – The default is *ALL .				
Communications agreement	COMAGR – The default is *ALL .				
Test/Production indicator	TEST – Possible values: <table border="1" data-bbox="607 1308 711 1486"> <tr><td>*ALL</td></tr> <tr><td>*TEST</td></tr> <tr><td>*PROD</td></tr> </table>	*ALL	*TEST	*PROD	
*ALL					
*TEST					
*PROD					
Number of included groups	NBRGRP – Possible values: *ALL <table border="1" data-bbox="602 1556 1276 1680"> <tr> <td>*ALL</td> <td></td> </tr> <tr> <td>0 - 999999</td> <td>Number of included groups</td> </tr> </table>	*ALL		0 - 999999	Number of included groups
*ALL					
0 - 999999	Number of included groups				

EXPWRPDTA Export wrapped data 1 cnn

The EXPWRPDTA command allows export of wrapped data for one connection. The current maximum length is 992 bytes for the data being exported.

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```

Export wrapped data 1 cnn (EXPWRPDTA)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR      _____
To database file . . . . . FILE                _____
  Library . . . . .                               +LIBL _____
To member . . . . . MBR                       +FIRST _____
Existing member option . . . . . MBRDPT       +ADD _____
Create file . . . . . CRTFILE                 +YES _____
Rcd length, if creating file . . . . . RCDLEN
Direction code . . . . . DIR                  +RECEIVE _____
Record ID position . . . . . RECIDPOS         +START _____
Record ID length . . . . . RECIDLEN           1 _____
Record ID characters . . . . . RECIDCHAR      F1 _____
Script return code . . . . . RTNCOD         +SCRIPT _____
Data filter program . . . . . FLTPGM         +RECID _____
  Library . . . . .                               _____
Program to call after export . . . . . USAPGM +NONE _____
  Library . . . . .                               _____

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

Connection log number CNNLOGNBR – The log number of the connection to export.

To database file FILE – The export target database file and library

Possible Library values:

*CURLIB	The current library for the job is used to locate the file. If no current library entry exists in the library list, QGPL is used.
*LIBL	All libraries in the job's library list are searched until the first match is found.
library name	library where file exists.

To member MBR – The database file member where the exported data will reside. Possible values:

*FIRST	The first member of the file will contain the exported data.
member name	The database file member name where the exported data will reside.

Existing member option MBROPT – Specifies whether new records replace or are added to existing records. Possible values:

*ADD	Records will be added to the end of existing records
*REPLACE	The existing records will be cleared, then the new records will be added

Create file CRTFILE – Specifies whether a physical file is created to receive the data if the specified file does not exist. Possible values:

*NO	The file must exist when this command is started.
*YES	If the file does not exist, a physical file is created with the name specified on the file prompt.

Rcd length, if creating file RCDLEN – The number of bytes in the length of the records stored in the physical file. Valid values range from 1 through 32766 bytes.

Direction code DIR – Possible values:

*RECEIVE	Receive direction code.
*SEND	Send direction code.

Record ID position RECIDPOS – The starting position of the record identifier within the data record. This parameter is valid only when the Data filter program parameter is ***RECID**.

Possible values:

*END	End of data record.
*START	Beginning of data record.

Record ID length RECIDLEN – The length of the record identifier. This parameter is valid only when the Data filter program parameter is ***RECID**.

Possible values:

1	identifier is length of one.
record ID length	The length of the record identifier.

Record ID characters **RECIDCHAR** – The hex characters that constitute the record identifier. This parameter is valid only when the Data filter program parameter is ***RECID**.

Possible values:

F1	Hex F1 = 1.
record ID characters	The hex characters that constitute the record identifier.

Script return code **RTNCOD** – Input value to the data filter program. This parameter is valid only when the Data filter program parameter is not ***RECID** or ***NONE**.

Possible values:

*SCRIPT	Retrieve input value from script functions.
input value	Input value to the data filter program.

Data filter program **FLTPGM** – Data record filtering process. Use ***RECID** if you wish to remove records with a specific string content.

Possible values:

*NONE	No filtering will be done.
*RECID	Use the parameter values of RECIDPOS, RECIDLEN, RECIDCHAR to filter data.
data filter program name	data filter program name.

Possible Library values:

*LIBL	All libraries in the job's library list are searched until the first match is found.
library name	The library where the filter program resides.

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Program to call after export

USRPGM – The user program to call after exporting the data.

Possible values:

*NONE	No program will be called.
program name	User program to call after export of data.

Possible Library values:

*LIBL	All libraries in the job's library list are searched until the first match is found.
library name	The library where the user program resides.

P

PIPCNNIMP Create connection by import

This command is used to import EDI data into Cleo EElfor i, either from an i OS DB2 database file or from a data queue message. If EDI data is received other than through the normal Cleo communications program, this command will copy the data into a Cleo communications file member and create an appropriate connection log record.

This command can be configured to either:

1. "receive" EDI data, which will then be translated
2. "send" EDI data, to be sent using the Cleo communications facilities

The command has the ability to copy a range of records within a file, specified by record number. The starting and ending character positions of the EDI data within each record may also be specified, allowing keys or other control information to be bypassed by the copy.

For importing from a data queue message, the data is expected to be in a format parseable by the unwrapping process, which essentially means that it contains EDI data with normal envelope segments. The un-wrap process will skip over any non-EDI data that appears ahead of or after actual EDI interchanges. The optional parameters FROMCHAR and TOCHAR may be used if it is desired to further restrict the import to a substring of the complete data queue message.

For importing from a database file, the command will accept data in an "unwrapped" format (1 EDI segment per record), "unwrapped" with continuation records (more than one record per EDI segment) or in a "wrapped" format (EDI segments separated only by a segment delimiter with no regard for record boundaries).

For unwrapped data with continuation records, the position, length and contents (in hexadecimal format) of the continuation character string must be specified. For unwrapped data, the segment delimiter can be automatically determined by a search. If no segment delimiter exists in the data, one may be automatically added to the end of each segment. In addition, the data may be copied without any manipulation of existing segment delimiters.

For EDI data imported as "received", command parameters are available to enter data into the fields in the *Log of Connection* records which normally refer to the communications session.

For EDI data imported as "send", the parameters which provide communications information (for example: network ID, network port) are required.

There may be two different control scripts associated with this processing. The script name (if any) specified on the SCRIPT parameter is used to update the *Log of Connection* record; it will also be used to send the connection if DIR(*SEND) is specified. The script name (if any) specified on the IMPORTSCR parameter is used during the file import process. If the EDI data being copied does not contain envelope segments, they may be created by WRTLINE statements in the control script specified on the IMPORTSCR parameter.

This process does not determine any of its parameters on the fly. All the values used to determine the library, file, member, copy from/to record number, copy from/to character position and so on must be set when initially submitting the jobs. Therefore, multiple PIPCNNIMP will be necessary to pull data into the system from multiple locations. The command receives a generic start message to kick off processing. It will send completion messages to 1 or 2 data queues depending on what was specified when the job was initially loaded. These messages will be formatted as follows:

When parameter DIR is specified as ***RECEIVE** on the PIPCNNIMP command.

Positions 1 thru 8 – 'CRTCNN01'

Positions 9 thru 10 – blanks

Position 11 – 'C'

Positions 12 thru 18 – '0000000' (Connection Log#, for data just processed, in character form.)

Positions 19 thru 80 – blanks

When parameter DIR is specified as ***SEND** on the PIPCNNIMP command.

Positions 1 thru 8 – 'SNDCNN01'

Positions 9 thru 10 – blanks

Position 11 – 'C'

Positions 12 thru 18 – '0000000' (Connection Log#, for data just processed, in character form.)

Positions 19 thru 80 – blanks

PIPUNWSTDB Pipeline Unwrap

The PIPUNWSTDB command uses a connection log number extracted from a data queue message to unwrap data as received from a public or private network in "wrapped" form, scan for various envelope segments and log their occurrence in logs of interchange, group, and message. This command acts similar to the UNWSTD

command.

Additional parameters for pipeline allow the specification of a data queue that is used to initiate the process and a data queue to send a completion message to when the process completes.

The command receives a data queue message from the **PIPCNNIMP** command or, potentially, from a control script. If positions 1 thru 10 are equal to **SNDCNN01** the job will extract the Connection Log# from positions 12 thru 18 of the data queue message and use this for processing. If positions 1 thru 10 are not equal to 'SNDCNN01 ' the Connection Log# is defaulted to zero for processing. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – 'UNWSTD01'

Positions 9 thru 10 – blanks

Position 11 – 'C'

Positions 12 thru 18 – '0000000' (Connection Log#, for data just processed, in character form.)

Positions 19 thru 80 – blanks

PIPTRNSTDB Pipeline Translate Std->App

The PIPTRNSTDB command will process *Log of Connection* records eligible for incoming translation (Unwrapped or Mixed with at least one message Unwrapped). Selection is done by connection log number which is extracted from a data queue message. This command acts similar to the STRTRNCNN command.

Additional parameters for pipeline allow for the specification of a data queue that is used to initiate the process and a data queue to send a completion message to when the process completes.

The command receives a data queue message from the **PIPUNWSTDB** command. If positions 1 thru 10 are equal to 'UNWSTD01 ' the job will extract the Connection Log# from positions 12 thru 18 of the data queue message and use this for processing. If positions 1 thru 10 are not equal to 'UNWSTD01 ' the Connection Log# is defaulted to zero for processing. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – 'STRTRN01'

Positions 9 thru 10 – blanks

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Position 11 – ‘T’

Positions 12 thru 22 – ‘00000000000’ (Translation Job Master Control#, for data just processed, in character form.)

Positions 23 thru 30 – blanks

Positions 31 thru 40 – Message Queue Name

Positions 41 thru 47 – Translation Job Return Code (for initial translation step)

Positions 48 thru 80 – blanks

PIPSPLDTAB Pipeline Split data

The PIPSPLDTAB command is used to initiate the splitting of incoming translation jobs to application files in the Pipeline environment.

Additional parameters for pipeline allow the specification of 1 or 2 initiating data queues. If only one initiating data queue is desired, specify ***NONE** for the **RCVQ2** parameter.

You can specify the data queue to which a completion message will be sent upon process completion. The process will not commence until a message is received from both data queues.

The command receives a data queue message from the **PIPTRNSTDB** command. If positions 1 thru 10 are equal to ‘STRTRN01 ‘ the job will extract the Translation Job Master Control# from positions 12 thru 22, the Message Queue Name from positions 31 thru 40 and the Translation Job Return Code from positions 41 thru 47 of the data queue message for use in processing. If positions 1 thru 10 are not equal to ‘STRTRN01 ‘ the Translation Job Master Control#, Message Queue Name and Translation Job Return Code are defaulted to zero or blanks for processing. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – ‘STRSPL01’

Positions 9 thru 10 – blanks

Position 11 – ‘T’

Positions 12 thru 22 – ‘00000000000’ (Translation Job Master Control#, for data just processed, in character form.)

Positions 23 thru 30 – blanks

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Positions 31 thru 37 – Translation Job Return Code (merged code for both translation steps)

Positions 38 thru 80 – blanks

PIPCRTAPPB Pipeline Create App Batch

The PIPCRTAPPB command is used to initiate the processing of application files for outgoing messages in the Pipeline environment.

This command will analyze the data in the specified application file set, determine the trading partner message class for each document, create a message log record for each document, and translate each document.

The data in the application file set may be for different trading partners, message classes, and/or networks.

Additional parameters for pipeline allow the specification of a data queue that is used to initiate the process and up to 2 data queues to send completion messages to when the process completes.

This Pipeline Create Application Batch does not determine any of its parameters on the fly. All the values used to determine the application file set, overriding library/file/member, Trading Partner Code, Functional Group, Message ID, Message Class, etc. must be set when initially submitting the jobs. Therefore, multiple PIPCRTAPPB jobs will be necessary to pull data into the system from multiple locations. The command receives a generic start message to kick off processing. It will send completion messages to 1 or 2 data queues depending on what was specified when the job was initially loaded. These messages will be formatted as follows:

Positions 1 thru 10 are variable. If ‘*DFT’ specified for parameter SNDQFMT (or SNDQ2FMT if sending to multiple data queues) on the PIPCRTAPPB command:

Positions 1 thru 8 – ‘CRTAPP01’

Positions 9 thru 10 – blanks

If a value other than default is specified for parameter SNDQFMT (or SNDQ2FMT):

Positions 1 thru 10 – ‘XXXXXXXXXX’ (the value specified for the SNDQFMT or SNDQ2FMT parameters).

Position 11 – ‘A’

Positions 12 thru 20 – ‘000000000’ (Application Log#, for data just processed, in

character form.)

Positions 21 thru 80 – blanks

PIPCRTENVB Pipeline Create Envelopes

The PIPCRTEENVB command is used to assemble previously translated messages (documents) into groups and interchanges and creates the envelopes.

The messages assembled into groups and interchanges may be from different application data batches.

Additional parameters for pipeline allow the specification of a data queue that is used to initiate the process and a data queue to send a completion message to when the process completes.

The command receives a data queue message from the PIPCRTAPPB command. If ***RCVQ** was specified for parameter **APPLOGSLT** on the **PIPCRTENVB** command, the job will extract the Application Log# from positions 12 thru 20 of the data queue message and use this for processing. If ***RCVQ** was not specified the Application Log# is defaulted to zero for processing. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – 'CRTENV01'

Positions 9 thru 10 – blanks

Position 11 – 'A'

Positions 12 thru 20 – '000000000' (Application Log#, for data just processed, in character form.)

Positions 21 thru 80 – blanks

PIPCRTCNNB Pipeline Create Connections

The PIPCRTCNNB command is used to assemble previously created interchanges into network connections.

Additional parameters for pipelining allow the specification of a data queue that is used to initiate the process and a data queue to send a completion message to when the process completes.

The command receives a data queue message from the PIPCRTEENVB or PIPCRTFADB commands. If ***RCVQ** was specified for parameter **APPLOGSLT** on the PIPCRTCNNB command, the job will extract the Application Log# from positions 12 thru 20 of the

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data queue message and use this for processing. If ***RCVQ** was not specified the Application Log# is defaulted to zero for processing. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – ‘CRTCNN01’

Positions 9 thru 10 – blanks

Position 11 – ‘C’

Positions 12 thru 18 – ‘0000000’ (Connection Log#, for data just processed, in character form.)

Positions 19 thru 80 – blanks

PIPSNDCNNB Pipeline Send Connections

The PIPSNDCNNB command will start a communication session based on a network and script. This command acts similar to the STRCTLSCRIB command.

Additional parameters for pipeline allow the specification of a data queue that is used to initiate the process and a data queue to send a completion message to when the process completes.

The command receives a data queue message from the **PIPCRTCNNB** command. If ***RCVQ** was specified for parameter CNNLOGSLT on the PIPSNDCNNB command, the job will extract the Connection Log# from positions 12 thru 18 of the data queue message and use this for processing. If ***RCVQ** was not specified the Connection Log# is defaulted to zero for processing. The program then attempts to retrieve the connection log record and, if you did not specify the information when initially submitting the PIPSNDCNNB job, uses this to provide the following pieces of data to the STRCTLSCRIB command:

3. Line description name
4. Controller description name
5. Device description name
6. Network port
7. Control script name
8. Network ID
9. Telephone number

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10. Connection number

This allows for submitting the **PIPSNDCNNB** process in a generic fashion, allowing for the process to determine how to send the connection on the fly. This process will send 1 completion data queue message formatted as follows:

Positions 1 thru 8 – ‘SNDCNN01’

Positions 9 thru 10 – blanks

Position 11 – ‘C’

Positions 12 thru 18 – ‘0000000’ (Connection Log#, for data just processed, in character form.)

Positions 19 thru 80 – blanks

PIPCRTFADB Pipeline Create FA Data

The PIPCRTFADB command is used to generate outgoing acknowledgements. This command acts similar to the CRTFADTAB command.

The Trading partner parameter allows the processing of a specific trading partner's FA's. Please note that if ***ALL** is specified here, all non-Pipelining trading partners will be INCLUDED and all Pipelining trading partners will be EXCLUDED for FA processing. To add/remove trading partners from the list, use the **Work with TP FA Omission List** command (WRKTPFAOL).

Also, additional parameters have been added to specify a data queue that is used to initiate the process and up to 2 data queues to send completion messages to when the process completes.

The command receives a generic start message to kick off processing. When the RCVQFMT parameter is ***TPSELECT**, the first 4 characters of the data queue message received will be checked. If this value is ***ALL** then all trading partners will be processed. If the value is other than ***ALL** then the first 6 characters of the message queue message will be used as the trading partner to be processed. Otherwise the initiating data queue message can be generic. Also, if the RCVQFMT is a value other than ***TPSELECT**, all trading partners will be processed. This process will send 1 or 2 completion data queue messages depending on what was specified when the job was initially loaded. They will both be in the following format:

Positions 1 thru 10 are variable. If ***DFT** specified for parameter **SNDQFMT** (or **SNDQ2FMT** if sending to multiple data queues) on the PIPCRTFADB command.

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11. Positions 1 thru 8 – ‘CRTAPP01’
12. Positions 9 thru 10 – blanks

If a value other than default is specified for parameter SNDQFMT (or SNDQ2FMT).

13. Positions 1 thru 10 – ‘XXXXXXXXXX’ (the value specified for the SNDQFMT or SNDQ2FMT parameters).
14. Position 11 – ‘A’
15. Positions 12 thru 20 – ‘000000000’ (Application Log#, for data just processed, in character form.)
16. Positions 21 thru 80 – blanks

PRTACKDT **Print ack report by date**

The PRTACKDT command produces the **Acknowledgement status by date** report, which shows the acknowledgement status of functional groups sorted by connection log number.

```
Print ack report by date (PRTACKDT)

Type choices, press Enter.

Time period for report:          PERIOD
Start time and date:
Beginning time . . . . .        #AVAIL
Beginning date . . . . .        #CURRENT
End time and date:
Ending time . . . . .           #AVAIL
Ending date . . . . .           #CURRENT
Select by direction code . . . . DIRSLT  #BOTH
Select by acknowledgement sts . . . ASTSSLT #PENDING
Acknowledgement level to print  ALVLPRT  #GRP

Additional Parameters

Start at trading partner . . . . STRTP    #FIRST
End at trading partner . . . . . ENTP     #LAST

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

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```

Print ack report by date (PRTACKDT)

Type choices, press Enter.
Report title . . . . . TITLE      #GEN
_____

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

Time period for report PERIOD – See “Print commands” in the “Shared Parameters” section.

Select by direction code DIRSLT – See “Print commands” in the “Shared Parameters” section.

Select by acknowledgement sts ASTSSLT – The status of the functional acknowledgement. Possible values:

*ACCEPTED	Acknowledgement is accepted.
*ALL	Show groups regardless of functional acknowledgement status.
*ERROR	Acknowledgement with errors.
*INPROC	Acknowledgement in process.
*LATE	Acknowledgement is late.
*MIXED	Acknowledgement - mixed.
*NOTREQD	Acknowledgement not required.
*PARTIAL	Acknowledgement - accepted part.
*PENDING	Acknowledgement is pending.
*RECEIVED	Acknowledgement received.
*REJECTED	Acknowledgement was rejected.

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*SENT	Acknowledgement was sent.
*WRAPPED	Acknowledgement wrapped.
A	Acknowledgement - accepted.
B	Acknowledgement - accepted part.
C	Acknowledgement created.
I	Acknowledgement in process.
L	Acknowledgement is late.
M	Acknowledgement - mixed.
P	Acknowledgement pending.
R	Acknowledgement received.
S	Acknowledgement sent.
W	Acknowledgement wrapped.
X	Acknowledgement - rejected.

Acknowledgement level to print

ALVLPRT – Controls the level of detail shown.
Possible values:

*ELM/F	Elem. level - all elements.
*ELMERR/E	Elem. level - elem. in error.
*GRP/G	Group level - all groups.
*INT/I	Interchange acks only.
*MSG/O	Msg. level - all messages.
*MSGERR/M	Msg. level - msgs. in error.
*NONE/N	Groups w/acks not required.
*SEG/T	Seg. level - all segments.
*SEGERR/S	Seg. level - segs. in error.

Start at trading partner	STRTP – See “Print commands” in the “Shared Parameters” section.
End at trading partner	ENDTP – See “Print commands” in the “Shared Parameters” section.
Report title	TITLE – See “Print commands” in the “Shared Parameters” section.

PRTACKRPT Print acknowledgement report

The PRTACKRPT command produces the **Group acknowledgement** report, which shows the acknowledgement status of functional groups sorted by functional group type.

```

Print acknowledgement report (PRTACKRPT)

Type choices, press Enter.

Select by direction code . . . . DRCD          +BOTH
Select by acknowledgement sts . ASTS         +PENDING

Additional Parameters

Start at trading partner . . . . STRTP        +FIRST
End at trading partner . . . . ENDTP         +LAST

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

Select by direction code DRCD – The direction of the connection.
Possible values:

*BOTH	Show groups any direction.
*RECEIVE	Show received groups only.
*SEND	Show sent groups only.
R	Show received groups only.
S	Show sent groups only.

Select by acknowledgement

ASTS – The status of the functional acknowledgment. Possible values:

Additional Parameters

Start at trading partner
"Shared"

STRTP – See "Print commands" in the Parameters" section.

End at trading partner
"Shared"

ENDTP – See "Print commands" in the Parameters" section.

sts

PRTACKTP

*ACCEPTED	Acknowledgement is accepted.
*ALL	Show groups regardless of functional acknowledgement status.
*ERROR	Acknowledgement with errors.
*INPROC	Acknowledgement in process.
*LATE	Acknowledgement is late.
*MIXED	Acknowledgement - mixed.
*NOTREQD	Acknowledgement not required.
*PARTIAL	Acknowledgement - accepted part.
*PENDING	Acknowledgement is pending.
*RECEIVED	Acknowledgement received.
*REJECTED	Acknowledgement was rejected.
*SENT	Acknowledgement was sent.
*WRAPPED	Acknowledgement wrapped.
A	Acknowledgement - accepted.
B	Acknowledgement - accepted part.
C	Acknowledgement created.
I	Acknowledgement in process.
L	Acknowledgement is late.
M	Acknowledgement - mixed.
P	Acknowledgement pending.
R	Acknowledgement received.
S	Acknowledgement sent.
W	Acknowledgement wrapped.
X	Acknowledgement - rejected.

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The PRTACKTP command produces the **Group ack status by Trading partner** report, which shows the acknowledgement status of functional groups sorted first by trading partner and then by functional group type.

```
Print ack report by trd pnr (PRTACKTP)

Type choices, press Enter.

Time period for report:          PERIOD
Start time and date:
Beginning time . . . . .          +AVAIL
Beginning date . . . . .          +CURRENT
End time and date:
Ending time . . . . .             +AVAIL
Ending date . . . . .             +CURRENT
Select by direction code . . . . DIRSLT  +BOTH
Select by acknowledgement sts . . ASTSSLT +PENDING
Acknowledgement level to print  ALVLPRT  +GRP

Additional Parameters

Start at trading partner . . . . . STRTP  +FIRST
End at trading partner . . . . . ENDTP   +LAST

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

```
Print ack report by trd pnr (PRTACKTP)

Type choices, press Enter.

Report title . . . . . TITLE          +GEN

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

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Time period for report PERIOD – See “Print commands” in the “Shared Parameters” section.

Select by direction code DIRSLT – See “Print commands” in the “Shared Parameters” section.

Select by acknowledgement sts ASTSSLT – The status of the functional acknowledgement. Possible values:

*ACCEPTED	Acknowledgement was accepted.
*ALL	Any acknowledgement status.
*ERROR	Acknowledgement with errors.
*INPROC	Acknowledgement in process.
*LATE	Acknowledgement is late.
*MIXED	Acknowledged - mixed.
*NOTREQD	Acknowledgement not required.
*PARTIAL	Acknowledged - accept part.
*PENDING	Acknowledgement is pending.
*RECEIVED	Acknowledgement received.
*REJECTED	Acknowledgement was rejected.
*SENT	Acknowledgement was sent.
*WRAPPED	Acknowledgement wrapped.
A	Acknowledged - accepted.
B	Acknowledged - accept part.
C	Acknowledgement created.
I	Acknowledgement in process.
L	Acknowledgement is late.
M	Acknowledged - mixed.
P	Acknowledgement pending.
R	Acknowledgement received.
S	Acknowledgement sent.
W	Acknowledgement wrapped.
X	Acknowledged - rejected.

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Acknowledgement level to print ALVLPRT – Controls the level of detail shown.
Possible values:

*ELM/F	Elem. level - all elements.
*ELMERR/E	Elem. level - elem. in error.
*GRP/G	Group level - all groups.
*INT/I	Interchange acks only.
*MSG/O	Msg. level - all messages.
*MSGERR/M	Msg. level - msgs. in error.
*NONE/N	Groups w/acks not required.
*SEG/T	Seg. level - all segments.
*SEGERR/S	Seg. level - segs. in error.

Additional Parameters

Start at trading partner	STRTP – See “Print commands” in the “Shared Parameters” section.
---------------------------------	------------------------------------------------------------------

End at trading partner	ENDTP – See “Print commands” in the “Shared Parameters” section.
-------------------------------	------------------------------------------------------------------

Report title	TITLE – See “Print commands” in the “Shared Parameters” section.
---------------------	------------------------------------------------------------------

PRTCNNRPT Print connection reports

The PRTCNNRPT command produces three reports:

List of connections, which details all network connections (date/time start of call, call length, network ID, send/receive status, etc.)

- **Connection save information**, which shows date/time last saved, save file name, tape volume, etc.
- **Data space usage by connection**, which shows all network connections currently marked for deletion

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```

Print connection reports (PRTCNNRPT)

Type choices, press Enter.

Print list of all connections . RPTLST      *YES
Print save status report . . . . RPTSAV    *NO
Print data space report . . . . RPTDTA    *NO

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

Print list of all connections

RPTLST – For the **List of connections** report.

Possible values:

*NO	Do not print connection rpt.
*YES	Print connection report.

Print save status report

RPTSAV – For the **Connection save information** report. Possible

values:

*NO	Do not print save status rpt.
*YES	Print save status report.

Print data space report

RPTDTA – For the **Data space usage by connection** report. Possible

values:

*NO	Print data space report.
*YES	Do not print data space report.

PRTCNNSEL Print selected connections

The PRTCNNSEL command produces the **Selected connections** report, which shows network connection details (date/time start of call, call length, network ID, send and receive status, etc.).

Note: This command is frequently included in a CL program that automatically performs data transformation processing.

```

Print selected connections (PRTCNNSEL)

Type choices, press Enter.

Time period for report:      PERIOD
Start time and date:
Beginning time . . . . .  +AVAIL
Beginning date . . . . .  +CURRENT
End time and date:
Ending time . . . . .    +AVAIL
Ending date . . . . .    +CURRENT

Additional Parameters

Receive status . . . . . RCVSTS      +ALL
Send status . . . . .     SNDSTS     +ALL
Select by Network code . . . . . NETSLT +ALL
Select by Control script . . . . . SCRIPTSLT +ALL
Minimum call length (minutes) . LENSMT 8
Delete report if empty . . . . . DLTRPT +NO

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

Time period for report PERIOD – See “Print commands” in the “Shared Parameters” section.

Additional Parameters

Receive status RCVSTS – The connection’s receive status. Some things to note:

- ***ERROR** specifies that all connections with any type of receive error be included, regardless of the connection’s send status.
- If ***ERROR** is specified, this command uses a logical OR of this status and the Send status to determine connections to be selected.

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- A logical AND is used with all other values for this and all other parameters to determine the connections selected.
- ***ERROR** includes any possible error status plus the ***MIXED** status.
- If the connection was created with the STRRCVTRN command and no manually-initiated functions were performed on any of the data in the connection, ***MIXED** implies that an error exists at a lower level.
- If the connection was created with the STRCTLSCR command or manually by selecting a menu option, ***MIXED** does not necessarily mean that an error status exists at a lower level.

Possible values:

*ADDED / A	
*ALL	Any receive status.
*DUPERR / D	Received - Duplicate.
*ERROR / *	Any error.
*MIXED / M	Mixed at lower level.
*PURGE / P	Marked for purge.
*RCVD / R	Received.
*RCVERR / I	Receive error.
*TRANS / T	Translated.
*TRNERR / E	Translated with errors.
*UNWERR / V	Unwrapped with errors.
*UNWNO / N	Unwrapped - no EDI data.
*UNWRAP / U	Received and unwrapped.

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Send status

SNDSTS – The connection’s send status. Some things to note:

- ***ERROR** specifies that all connections with any type of send error be included, regardless of the connection’s receive status.
- If ***ERROR** is specified, this command uses a logical OR of this status and the Receive status to determine connections to be selected.
- A logical AND is used with all other values for this and all other parameters to determine the connections selected.

Possible values:

*ALL	Any receive status.
*ENV / L	Translated - Enveloped.
*ENVERR / Q	Envelope error.
*ERROR / *	Any error.
*GEN / G	Translated.
*GENERR / H	Translated with errors.
*MIXED / M	Mixed at lower level.
*PURGE / P	Marked for purge.
*SENT / S	Sent.
*SNDERR / F	Send error.
*WRAP / W	Wrapped.
*WRPERR / X	Wrapping error.

Select by Network code

NETSLT – The default is ***ALL**.

Select by Control script

SCRIPTSLT – The default is ***ALL**.

Minimum call length (minutes)

LENSLT – Possible values:

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0	Include connections of any length which meet the other selection criteria.
Minimum call length	Specific minimum call length to include.

Delete report if empty

DLTRPT – If no connections match the selection criteria specified, the report will contain a header section showing the selection criteria and a blank detail section.

***NO** keeps this report in the output queue assigned to the job under which the command was run.

*NO	Keep the report in the output queue.
*YES	Delete the report, if empty.

PRTELMCOD Print ID element code values

The PRTELMCOD command produces the **ID element code values** report, which shows element value definitions.

```

Print ID element code values (PRTELMCOD)

Type choices, press Enter.

Standard class code . . . . . STDCLS      X
Industry group code . . . . . INDGRP      X
Version-release . . . . . VERREL        '003030'
ID Element identifier . . . . . ELMID     ' 1'

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

Standard class code

STDCLS – A class of standards is a major grouping of standards that use a common syntax and are controlled by a common agency.

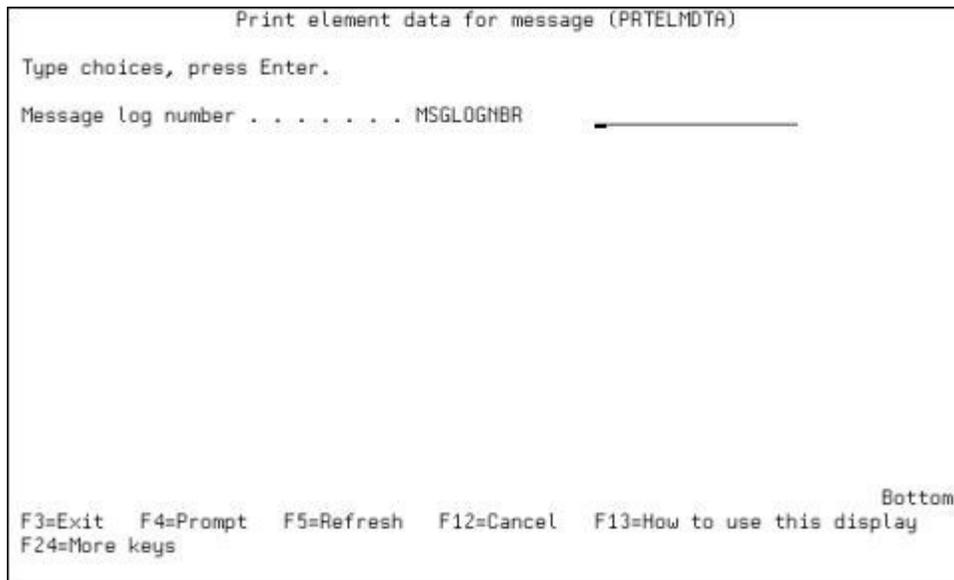
The default is **X**.

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Industry group code	INDGRP – A one-character code for internal mapping to the six-character industry group ID. The default is X .
Version-release	VERREL – A six-character code which signifies the version number and the release number of the standard being used. The default is 003030 .
ID Element identifier	ELMID – The identifier assigned to the element in the standards. The default is 1 .

PRTELMDTA Print element data for message

The PRTELMDTA command produces the **Selected element data for one message** report, which shows element data for a message.



Message log number	MSGLOGNBR – The log number of the message.
---------------------------	--------------------------------------------

PRTFORMULA Print Formula(s)

The PRTFORMULA command produces the **Formulas** report, which shows data for a formula.

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	*START	Earliest date available.
	date	Earliest date to include in the report.

From connection time FROMCNTM – Include connections starting at this time on the From connection date.

Possible values:

	*TIME	Earliest available time.
	time	Earliest time to include in the report.

To connection date TOCNNDT – Include connections through (including) this date.

Possible values:

	*END	Last date available.
	date	Latest date to include in the report.

To connection time TOCNTM – Include connections ending at or before this time on the To connection date.

Possible values:

	*TIME	Latest available time.
	time	Latest time to include in the report.

Additional Parameters

Function status FSTS – Possible values:

	*ALL	Include all groups.
	*ERROR	Include only groups in an error status.

Trading partner TPCD – The default is ***ALL**.

Direction DRCD – The direction of the connection. Possible values:

B	Both send and receive direction codes.
R	Receive direction code.
S	Send direction code.

Functional group code GPCD – The default is ***ALL**.

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**Acknowledgement
status**

ASTS – The status of the functional acknowledgement. Possible values:

*ALL	Any acknowledgement code will be accepted.
A	Accepted.
C	Created.
I	Generation in process.
L	Late.
M	Mixed status at lower level.
N	Not required.
P	Pending.
R	Received.
S	Sent.
W	Wrapped.
X	Rejected.

**Include log of message
detail**

INCLOM – Include details from *Log of Message* records. Possible values:

*NO	Do not include details.
*YES	Include details.

PRTINT Print interchange data

The PRTINT command produces the **Unwrapped standard data** report, which lists all data contained in an interchange.

```
Print interchange data (PRTINT)
Type choices, press Enter.
Interchange log control number  INLN  _____

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

Interchange log control number

INLN – The number identifies the interchange. It may be obtained from any **Work with interchanges** or **Work with interchange data** panel by using the **Detail** option.

PRTINTRPT Print interchange reports

The PRTINTRPT command produces three reports:

- **Interchanges by Trading partner**, which shows all interchanges by trading partner
- **Missing/duplicate Interchange controls**, which shows duplicate/gaps in interchanges sorted by interchange log number
- **Missing/duplicate Interchange controls**, which shows duplicate/gaps in interchanges sorted by trading partner

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```

Print interchange reports (PRTINTRPT)

Type choices, press Enter.

Print list of all interchanges  ALLI      *YES
Print duplicate/gap report . . . DUPGAP  *NO
Print short dup/gap report . . . DUPGAPS *NO

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

Print list of all interchanges ALLI – For the **Interchanges by Trading partner** report. Possible

values:

*NO	Do not produce this report.
*YES	Produce this report.

Print duplicate/gap report DUPGAP – For the **Missing/duplicate Interchange controls** report.

Possible values:

*NO	Do not produce this report.
*YES	Produce this report.

Print short dup/gap report DUPGAPS – For the **Missing/duplicate Interchange controls** report.

Possible values:

*NO	Do not produce this report.
*YES	Produce this report.

PRTL0MAR Print Log of Message Activity

The PRTL0MAR command produces the **Log of Msg-Activity by Grp,MsgCls,TP** report (from the *Log of Message* file), which contains summary totals by trading partner, message class, and group.

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The Message class and Trading partner parameters support wild card selection:

- ? is used as a single character wild card replacement character
- * (asterisk) is a none, one, or many character wild card replacement character

```

Print Log of Message Activity (PRTL0MAR)

Type choices, press Enter.

Time period for report:      PERIOD
Start time and date:
Beginning time . . . . .    *AVAIL
Beginning date . . . . .    *BEGIN
End time and date:
Ending time . . . . .      *AVAIL
Ending date . . . . .      *END
Network ID . . . . .        NETWORK
Direction . . . . .        DIRECTION
Group . . . . .             *ALL
+ for more values
Message class . . . . .    MSGCLS
Trading partner . . . . .  TRDPNR
Report type . . . . .      RPTTYP
Select by acknowledgement sts . ASTSSLT
+ for more values

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

Time period for report PERIOD – See “Print commands” in the “Shared Parameters” section.

Network ID NETWORK – The default is *ALL.

Direction DIRECTION – The direction of the connection.
Possible values:

*BOTH	Show groups that were sent or received.
*RECEIVE	Show groups that were received.
*SEND	Show groups that were sent.

Group GROUP – Possible values:

*ALL	Include all groups in the report.
Group code(s)	Include only this group(s) in the report. A maximum of 5 groups can be selected.

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Message class	MSGCLS – Possible values:	
	*ALL	Include all message classes in the report.
	Message class	Include only this message class in the report.
	Wild card selection	See information included in the general description of this command for usage of wild card characters.

Trading partner	TRDPNR – Possible values:	
	*ALL	Include all trading partners in the report.
	Trading partner	Include only this trading partner in the report.
	Wild card selection	See information included in the general description of this command for usage of wild card characters.

Report type	RPTTYP – Possible values:	
	*BOTH	Print a *DETAIL and *SUMMARY type report.
	*DETAIL	Print all detail records that fit the selection criteria.
	*SUMMARY	Print only the summary totaling info for those records that fit the selection criteria.

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**Select by
acknowledgement
status**

ASTSSLT – The status of the functional acknowledgement.

Possible values:

***ACCEPTED** Acknowledgement is accepted.

***ALL** Show groups regardless of functional acknowledgement status

***ERROR** Acknowledgement with errors.

***INPROC** Acknowledgement in process.

***LATE** Acknowledgement is late.

***MIXED** Acknowledgement – mixed.

***NOTREQD** Acknowledgement not required.

***PARTIAL** Acknowledgement – accepted part.

***PENDING** Acknowledgement is pending.

***RECEIVED** Acknowledgement received.

***REJECTED** Acknowledgement was rejected.

***select** Pick from a list of choices. Not valid within a CLP program.

***SENT** Acknowledgement was sent.

***WRAPPED** Acknowledgement wrapped.

A Acknowledgement – accepted.

B Acknowledgement – accepted part.

C Acknowledgement created.

I Acknowledgement in process.

L Acknowledgement is late.

M Acknowledgement – mixed.

P Acknowledgement pending.

R Acknowledgement received.

S Acknowledgement sent.

W Acknowledgement wrapped.

X Acknowledgement – rejected.

PRTMC Print message class map

The PRTMC command produces seven reports:

- **Message class details**
- **Message class segment map**
- **Message class element map**
- **Message class file formats**
- **Segment map application file formats**
- **Message class format fields**
- **Message class state table**

```

Print message class map (PARTMC)

Type choices, press Enter.

Message ID . . . . . MSGID          _____
Message class . . . . . MSGCLS       _____
Message class details . . . . . MCDTL  +YES
Segment map . . . . . SEGMAP         +YES
Element map . . . . . ELMAP          +YES
Elements to include . . . . . ELEMENTS +ALL
Application file format map . . . . . FMTMAP +YES
Application file field map . . . . . FLDMAP +YES

Additional Parameters

State table . . . . . STTBL          +NO

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

Message ID MSGID - ***ALL** may be used.

Message class MSGCLS - ***ALL** may be used.

Message class details MCDTL - For the **Message class details** report.

Possible values:

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	message class.
*YES	Print the message class details report for each message class.

Segment map SEGMAP – For the **Message class segment map** report.

Possible values:

*NO	Do not print the segment map report for each message class.
*YES	Print the segment map report for each message class.

Element map ELMMAP – For the **Message class element map** report.

Possible values:

*NO	Do not print the element map report for each message class.
*YES	Print the element map report for each message class.

Element to include ELEMENTS – Specifies what elements to include in the **Message class element map** report.

Possible values:

*All	Include all elements in the map.
*MAPPED	Include only elements that are mapped to a destination or source.
*NOTMAPPED	Include only elements that are not mapped to a destination or source.

**Application file
 format map**

FMTMAP – For the **Message class file formats** report and the **Segment map application file formats** report.

Possible values:

*NO	Do not print the application file format report for each message class.
*YES	Print the application file format report for each message class.

**Application file field
 map**

FLDMAP – For the **Message class format fields** report.

Possible values:

*NO	Do not print the application file field report for each message class.
*YES	Print the application file field report for each message class.

Additional Parameters

State table

STTBL – For the **Message class state table** report.

Possible values:

*NO	Do not print the state table report for each message class.
*YES	Print the state table report for each message class.

PRTMCFRM Print message class formulas

The PRTMCFRM command produces the **Formula print** report, which details formulas attached to a message class.

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```

Print message class formulas (PRTMCFRM)

Type choices, press Enter.

Message ID . . . . . MSGID      _____
Message class . . . . . MSGCLS   _____
Formula ID . . . . . FORMULA_ID  _____
Instance . . . . . INSTANCE     _____

Additional Parameters

Include mapped to information . INC      ±YES

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

```

Message ID MSGID – The message ID portion of the message class.

Message class MSGCLS – The name portion of the message class.

Formula ID FORMULA_ID – The formula to include.
Possible values:

*ALL	Using *ALL or blank are the same and will include all formulas defined in the message class
Formula ID	

Instance INSTANCE – Specifying an instance number limits the output to those formula instances matching that number.

Additional Parameters

Include mapped to information INC - ***YES** includes information about formula parameters mapped to segments, formats, fields, or elements. ***NO** excludes this information.

PRTMSGQ Print Message Queue

The PRTMSGQ command produces the **Print Message Queue** report, which lists both first- and second-level message text, along with corresponding message data, in a message queue.

```

Print Message Queue (PRTMSGQ)

Type choices, press Enter.

Message queue . . . . . MSGQ          _____
Library . . . . .                   +LIBL_____
Severity code filter . . . . . SEV     88_____
Message types to process . . . . . MSGTYPE +ALL_____
                                         + for more values
Time period for report:
  Start time and date:
  Beginning time . . . . .            +AVAIL_____
  Beginning date . . . . .           +BEGIN_____
  End time and date:
  Ending time . . . . .              +AVAIL_____
  Ending date . . . . .              +END_____
Message text level to print . . MSGLVLPRT +BOTH_____

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

Message queue MSGQ – The name and library of the message queue.

Possible Library values:

*LIBL	Use the current library list to locate the message queue.
library-name	Specify the name of the library where the message queue exists.

Severity code filter SEV – The minimum message severity level of messages to include. Possible values:

00	All messages in the specified message queue are printed.
Severity-code	Specify a value, 00 through 99, that specifies the lowest severity code that a message can have and still be printed.

Message types to process MSGTYPE – The type of messages in the message queue to include.

A single value of ***ALL** or a mixture of other types (maximum of 8) may be requested.

Possible values:

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*ALL	All messages that are in the message queue are printed.
*COMP	Only completion messages are printed.
*COPY	Only copy messages are printed.
*DIAG	Only diagnostic messages are printed.
*ESCAPE	Only escape messages are printed.
*INFO	Only informational messages (those not requiring a reply) are printed.
*INQ	Only inquiry messages (those requiring a reply) are printed.
*NOTIFY	Only notify messages are printed.
*REPLY	Only reply messages are printed.
*REQUEST	Only request messages are printed.

Time period for PERIOD – See “Print commands” in the “Shared Parameters” section.

Message text level to print MSGLVLPRT – Possible values:

*BOTH	*FIRST and *SECOND level message text is printed.
*FIRST	*FIRST level message text is printed.
*MINFIRST	First level message text is printed in a condensed format with only one line per message.
*SECOND	*SECOND level message text is printed.

PRTNETUSG Print network usage

The PRTNETUSG command produces the **Network usage** report, which shows network connection information.

```

Print network usage (PRNETUSG)
Type choices, press Enter.

Select by Network code: NETWORKS
  Start at network code . . . . . +FIRST
  End at network code . . . . . +LAST
Time period for report: PERIOD
  Start time and date:
  Beginning time . . . . . +AVAIL
  Beginning date . . . . . +CURRENT
  End time and date:
  Ending time . . . . . +AVAIL
  Ending date . . . . . +CURRENT
Select by Trading partner code: TRPARTNR
  Start at Trading Partner . . . . . +FIRST
  End at Trading Partner . . . . . +LAST

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

```

Select by Network code NETWORKS- These values define the range of networks to include.

Possible Start at network code values:

*FIRST	Produces a listing starting with the first (alphabetically) network code that meets the other selection criteria.
Network code	Start selection with this network code.

Possible End at network code values:

*LAST	Produces a listing ending with the last (alphabetically) network code which meets the other selection criteria.
Network code	Start selection with this network code.

Time period for report

PERIOD – See “Print commands” in the “Shared Parameters” section.

Select by Trading partner code

TRPRTNR – These values define the range of trading partners to include.

Possible Start at Trading Partner values:

*FIRST	Produces a listing starting with the first (alphabetically) trading partner which meets the other selection criteria.
Trading Partner code	Start selection with this Trading Partner.

Possible End at Trading Partner values:

*LAST	Produces a listing ending with the last (alphabetically) trading partner
--------------	--------------------------------------------------------------------------

	which meets the other selection criteria.
Trading Partner code	Start selection with this Trading Partner.

PRTNWRCNN Print connection data

The PRTNWRCNN command produces two reports:

- Interchanges in one connection
- Unwrapped standard data

```

Print connection data (PRTNWRCNN)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR
Device . . . . . DEV          ±JOB

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

Connection log number CNNLOGNBR – The log number for the connection may be obtained by taking the **Detail** option for the desired connection on either the **Work with connections** panel or the **Work with connection data** panel.

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Device DEV – Possible values:

*JOB	Use the default output queue for this job to determine the print device.
*SYSVAL	The value in the system value QPRTDEV at the time the job is started is used as the printer device.
Device	Specific print device.

PRTNWRSEL **Print selected nonwrapped data**

The PRTNWRSEL command produces the **Print selected nonwrapped data** report.

Note: The same report is produced when the **Print** option is taken on the **Display nonwrapped data** panel.

The segments are selected to be listed by using a logical AND of the command's parameters. The only required parameter is the Interchange log control number – entering only this causes the entire interchange to be listed.

```
Print selected nonwrapped data (PRTNWRSEL)

Type choices, press Enter.

Interchange log control number  INLN          _____
Starting record number . . . . . NWRS         8
Ending record number . . . . . NWARE         999999999
Select segment type . . . . . SEGTYPE         / /
Select segment ID . . . . . SEGID1           / /
Select segment ID . . . . . SEGID2           / /
Select segment ID . . . . . SEGID3           / /
Select segment ID . . . . . SEGID4           / /
Select segment ID . . . . . SEGID5           / /
Select segment ID . . . . . SEGID6           / /
Select by scan data . . . . . SCANDATA       _____
Select by minimum length . . . . . NWLN       8
Scan limit . . . . . SLMT                    8

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

Interchange log control number	INLN – The interchange log control number, found on the Display log of interchange details panel (take the Detail option on the Work with interchanges
---------------------------------------	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------

panel) specifies the interchange.

Starting record number NWRS – The record number of the nonwrapped data at which the listing is started. The default 0 starts at the beginning of the data.

Ending record number NWRE – The record number of the nonwrapped data at which the listing is completed. The default 999999999 is the maximum number of data records.

Select segment type SEGTYPE – Instead of listing all segments, only those segments of a selected segment type may be listed. Possible values:

	All segments in interchange.
*	All segments in error.
d	All message data segments in error.
D	Message data segments only.
E	Envelope segments only.
F	Interchange/group segments only.
g	All group segments in error.
G	Group segments only.
i	All interchange segments in error.
I	Interchange segments only.
m	All message envelope segments in error.
M	Message envelope segments only.

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Select segment ID	SEGID1 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select segment ID	SEGID2 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select segment ID	SEGID3 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select segment ID	SEGID4 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select segment ID	SEGID5 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select segment ID	SEGID6 – The segment ID of the segments to be listed. Up to six segment IDs may be entered. If none are entered, all segments are listed.
--------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select by scan data	SCANDATA – Each segment is compared to the contents of this field, and those segments containing a string matching this field are listed.
----------------------------	-------------------------------------------------------------------------------------------------------------------------------------------

Select by minimum length	NWLN – The minimum number of characters in a segment required to list the segment. The default 0 indicates that this parameter is not applicable.
---------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------

Scan limit SLMT – The maximum number of nonwrapped data records to be searched to select records for the listing. The default 0 processes all records.

PRTSEGDIR Print segment directory

The PRTSEGDIR command produces the **Segment directory** report, a listing of the segment directory and its associated elements.

```

Print segment directory (PRTSEGDIR)

Type choices, press Enter.

Standard class code . . . . . STDCLS      X
Industry group code . . . . . INDGRP      X
Version-release . . . . . VERREL        '+ALL'
From segment ID . . . . . FROMSEGID      ' '
To segment ID . . . . . TOSEGID        '999'

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

Standard class code STDCLS – A class of standards is a major grouping of standards that use a common syntax and are controlled by a common agency. The default is **X**.

Industry group code INDGRP – A one-character code for internal mapping to the six-character industry group ID. The default is **X**.

Version-release VERREL – A six-character code which signifies the version number and the release number of the standard being used. The default is ***ALL**.

From segment ID

FROMSEGID – A code that uniquely identifies a data segment within a standards class.

The first element in each segment is the segment ID code.

Possible values:

	A value of blanks denotes the beginning.
segment ID	The specific segment ID.

To segment ID

TOSEGID – A code that uniquely identifies a data segment within a standards class.

The first element in each segment is the segment ID code.

Possible values:

999
segment ID

PRTTPRPT Print Trading Partner reports

The PRTTPRPT command allows five trading partner reports to be produced:

- Lst of trading partners
- Trading partners by sender/receiver ID
- Trading partner data options
- TP / TPMC networks, ports, etc.
- TPiMCs with non-blank nw, port, etc.

```

Print Trading Partner reports (PRTTPRPT)

Type choices, press Enter.

Print by Trading partner code . RPTTP          ±YES
Print by Sender/Receiver IDs . . RPTSR        ±NO
Print TP data option report . . RPTDPT        ±NO
Print TPMC with network, etc. . RPTMCNW       ±NO
TPMC with different nw, etc. . . RPTMCDNW     ±NO

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

Print by Trading partner code

RPTTP – For the **List of trading partners** report.

Possible values:

*NO	Do not produce this trading partner report.
*YES	Produce this trading partner report.

Print by Sender/Receiver IDs

RPTSR – For the **Trading partners by sender/receiver ID** report. Possible values:

*NO	Do not produce this trading partner report.
*YES	Produce this trading partner report.

Print TP data option report

RPTOPT – For the **Trading partner data options** report.

Possible values:

*NO	Do not produce this trading partner report.
*YES	Produce this trading partner report.

RPTMCNW – For the **TP / TPMC networks, ports, etc.** report.

Print TPMC with network, etc.

Possible values:

*NO	Do not produce this trading partner report.
*YES	Produce this trading partner report.

TPMC with different nw, etc.

RPTMCDNW – For the **TPMCs with non-blank nw, port, etc.** report. Possible

values:

*NO	Do not produce this trading partner report.
*YES	Produce this trading partner report.

R

RCVCM Receive Conversion Map

The RCVCM command receives conversion maps sent from another system with the SNDCM command. The default values are appropriate in most instances.

```

    Receive conversion map (RCVCM)
    Type choices, press Enter.
    Conversion map name . . . . . CNVRSN      *ALL
    Option . . . . . OPTION                  *NEW

    Additional Parameters
    File number . . . . . NBR                *LAST
    Restore to files library . . . . . RSTLIB *CURRENT
    Sent to user ID . . . . . USER          *CURRENT

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

Conversion map name CNVRSN The default is *ALL.

Option OPTION See "Receive commands" in the "Shared Parameters" section.

Additional Parameters

File number NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library RSTLIB See "Receive commands" in the "Shared Parameters" section.

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Sent to user ID USER See "Receive commands" in the "Shared Parameters" section.

RCVCN Receive connection data

RCVCNNDTA Receive connection (submit)

The RCVCN command receives connections sent from another system with the SNDCN command. The default values are appropriate in most instances. The RCVCNNDTA command submits RCVCN to batch.

```

Receive connection data (RCVCN)

Type choices, press Enter.

Saved connection log number . . CNNLGNM      *ALL_____

Additional Parameters

File number . . . . . NBR                    *LAST_____
Saved from files library . . . . SAVLIB      *CURRENT____
Restore to files library . . . . RSTLIB      *SAVLIB____
Restore to connection log # . . LOG          *NEW_____
Sent to user ID . . . . . USER              *CURRENT____

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

Saved connection log number CNNLGNM The default is *ALL.

Additional Parameters

File number NBR See "Receive commands" in the "Shared Parameters" section.

Saved from files library SAVLIB The library from which the connection was saved.

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Possible values:

*CURRENT	Will use the current Cleo files library, the name of which is contained in the data area EXTFILLIB.
Library name	If this connection is to be restored to an Cleo files library other than the standard Cleo files library, place that library name in this parameter.

Restore to files library

RSTLIB Possible values:

*SAVLIB	Will restore to the library specified in the SAVLIB parameter.
Library name	The name of the library where the saved data is restored.

Restore to connection log

LOG Possible values:

*NEW	Create a new connection log number for the connection on this system.
*SAME	Use the same connection log number which was assigned to the connection by the sending system.

Sent to user ID

USER See "Receive commands" in the "Shared Parameters" section.

RCVCS Receive control scripts

The RCVCS command receives control scripts sent from another system with the SNDCS command. The default values are appropriate in most instances.

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```

Receive control scripts (RCVCS)

Type choices, press Enter.

Network ID code . . . . . NETID      *ALL
Control script name . . . . . SCRIPT  *ALL

Additional Parameters

File number . . . . . NBR            *LAST
Restore to files library . . . . . RSTLIB *CURRENT
Sent to user ID . . . . . USER       *CURRENT

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

```

Network ID code NETID The default is ***ALL**.

Control script name SCRIPT The control scripts to be restored. The default is ***ALL**.

Additional Parameters

File number NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library RSTLIB See "Receive commands" in the "Shared Parameters" section.

Sent to user ID USER See "Receive commands" in the "Shared Parameters" section.

RCVCT Receive code tables

The RCVCT command receives code tables sent from another system with the SNDCT command. The default values are appropriate in most instances.

```

    Receive code tables (RCVCT)
    Type choices, press Enter.
    Code table reference name . . . TABLE
    Additional Parameters
    File number . . . . . NBR          +LAST
    Restore to files library . . . . RSTLIB  +CURRENT
    Sent to user ID . . . . . USER      +CURRENT

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

Code table reference name TABLE ***ALL** may be used.

Additional Parameters

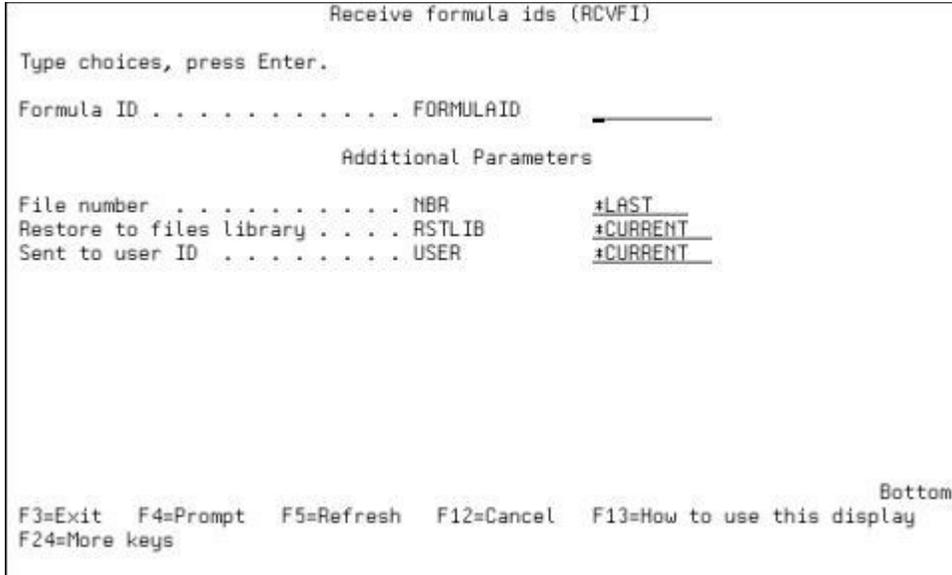
File number NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library RSTLIB See "Receive commands" in the "Shared Parameters" section.

Sent to user ID USER See "Receive commands" in the "Shared Parameters" section.

RCVFI Receive Formulas

The RCVFI command receives formulas sent from another system with the SNDFI command.
 The default values are appropriate in most instances.



Formula ID FORMULAID ***ALL** may be used.

Additional Parameters

File number NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library RSTLIB See "Receive commands" in the "Shared Parameters" section.

Sent to user ID USER See "Receive commands" in the "Shared Parameters" section.

RCVFS Receive file sets

The RCVFS command receives file sets sent from another system with the SNDFS command. The default values are appropriate in most instances.

```

Receive file sets (RCVFS)

Type choices, press Enter.

Application file set name . . . FSET
Restore file definitions . . . RSTFILES      ±YES

Additional Parameters

File number . . . . . NBR                ±LAST
Restore to files library . . . RSTLIB      ±CURRENT
Sent to user ID . . . . . USER          ±CURRENT

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

Application file set FSET The application file set. ***ALL** may be used.

Restore file definitions RSTFILES Specifies whether the file, format, and field information for all files in the application file set are to be received. Possible values:

*NO	Do not restore file definitions.
*YES	Restore file definitions.

Additional Parameters

File number NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library RSTLIB See "Receive commands" in the "Shared Parameters" section.

Sent to user ID USER See "Receive commands" in the "Shared Parameters" section.

RCVMC Receive Message Class

The RCVMC command receives message classes sent from another system with the SNDMC command. The default values are appropriate in most instances.

```

    Receive Message Class (RCVMC)
    Type choices, press Enter.
    Message ID . . . . . MSGID      *ALL
    Message class . . . . . MSGCLS   *ALL
    Option . . . . . OPTION         *NEW

    Additional Parameters
    File number . . . . . NBR        *LAST
    Restore to files library . . . . RSTLIB *CURRENT
    Sent to user ID . . . . . USER   *CURRENT

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

Message ID MSGID The message ID of the message class. The default is ***ALL**.

Message class MSGCLS The name of the message classes. The default is ***ALL**.

Option OPTION See "Receive commands" in the "Shared Parameters" section.

Additional Parameters

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File number	NBR See "Receive commands" in the "Shared Parameters" section.
Restore to files library	RSTLIB See "Receive commands" in the "Shared Parameters" section.
Sent to user ID	USER See "Receive commands" in the "Shared Parameters" section.

RCVTP Receive trading partner

The RCVTP command receives trading partners sent from another system with the SNDTP command. The default values are appropriate in most instances.

```

Receive trading partner (RCVTP)
Type choices, press Enter.
Trading partner code . . . . . TPCD
Restore TP groups . . . . . RSTGRP      ±YES
Restore TP message classes . . . RSTTPMC ±YES

Additional Parameters
File number . . . . . NBR              ±LAST
Restore to files library . . . RSTLIB   ±CURRENT
Sent to user ID . . . . . USER        ±CURRENT

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

```

Trading partner code	TPCD *ALLTP may be used to receive all trading partners.
Restore TP groups	RSTGRP Specifies whether trading partner group records are to be restored. Possible values:

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*NO	Specifies that the Trading partner groups are not to be restored.
*YES	Specifies that all Trading partner group records which have been saved for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be restored.

Restore TP message classes

RSTTPMC Specifies whether trading partner message class records are to be restored. ***YES** is only valid if ***YES** is also specified for Restore TP groups.

*NO	Specifies that the Trading partner message class records are not to be restored.
*YES	Specifies that all Trading partner message class records which have been saved for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be restored.

Additional Parameters

File number

NBR See "Receive commands" in the "Shared Parameters" section.

Restore to files library

RSTLIB See "Receive commands" in the "Shared Parameters" section.

Sent to user ID

USER See "Receive commands" in the "Shared Parameters" section.

RSTCM Restore Conversion Map

The RSTCM command restores conversion maps that were saved with the SAVCM command. This command may also be used to restore conversion maps from other systems.

Note: The **Receive Conversion Map** command (RCVCM) receives and restores conversion maps sent from another system via SNADS.

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```

Restore conversion map (RSTCM)

Type choices, press Enter.

Device . . . . . DEV          _____
Conversion map name . . . . . CNVRSN  +ALL
Option . . . . . OPTION        +NEW
Volume identifier . . . . . VOL       +MOUNTED
Sequence number . . . . . SEQNBR     +SEARCH
Label . . . . . LABEL           +LIB
End of tape option . . . . . ENDOPT   +REWIND
Save file . . . . . SAVF          _____
Library . . . . .                +LIBL

Additional Parameters

Restore to library . . . . . RSTLIB    +CURRENT

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

Device DEV See "Restore commands" in the "Shared Parameters" section.

Conversion map name CNVRSN The conversion map to be restored. The default is ***ALL**.

Option OPTION See "Restore commands" in the "Shared Parameters" section.

Volume identifier VOL See "Restore commands" in the "Shared Parameters" section.

Sequence number SEQNBR See "Restore commands" in the "Shared Parameters" section.

Label LABEL See "Restore commands" in the "Shared Parameters" section.

Parameters" section.

End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

Save file	SAVF See "Restore commands" in the "Shared Parameters" section.
------------------	-----------------------------------------------------------------

Additional Parameters

Restore to library	RSTLIB See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

RSTCNDDTA Restore connection data & logs

The RSTCNDDTA command restores connection data and logs that were saved with the SAVCNDDTA command.

Note: To receive connection data and logs sent from another system via SNADS, use the **Receive connection data** command (RCVCNDDTA).

```

Restore connection data & logs (RSTCNDDTA)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR
Save catalog number . . . . . SAVCATNBR      #LAST
Device . . . . . DEV                        #CATALOG
Saved from library . . . . . SAVLIB          #CATALOG
Volume identifier . . . . . VOL              #MOUNTED
Sequence number . . . . . SEQNBR            #SEARCH
Label . . . . . LABEL                       #SAVLIB
End of tape option . . . . . ENDOPT         #SYSVAL
Save file . . . . . SAVF                     #CATALOG
Library . . . . .

Additional Parameters

Log numbers for restore . . . . . LOG        #NEW
Restore to library . . . . . RSTLIB          #SAVLIB
Output . . . . . OUTPUT                      #NONE

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

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```

                                Restore connection data & logs (RSTCNNDTA)

Type choices, press Enter.

Update (EXTOL) save history . . . UPDHST      *YES
Data option . . . . . DTAOPT      *BOTH_____

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

Connection log number CNNLOGNBR The log number of the connection to be restored.

Possible values:

*ALL	Will restore all connections that are found in the specified tape or save file. *ALL is interpreted to restore all connections in the specified save catalog, whether or not the specified catalog refers to a save of *ALL connections. For example, if the specified catalog was a save of a single connection, CNNLOGNBR(*ALL) will restore that connection no matter what the connection log number was.
connection-log-number	Will restore only the specified connection log number. If the specified log number is not found on the tape or save file, an error message will be issued and nothing will be restored.

Save catalog number SAVCATNBR The number of the catalog to be used.

The save catalog number is uniquely assigned to each execution of the SAVCNNDTA command

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which specifies ***YES** for Update (Cleo) save history.

Possible values:

*LAST	Restore from the last save, dependent on CNNLOGNBR as follows: If CNNLOGNBR(*ALL), the catalog information from the most recent SAVCNNDTA is used, whether or not the save specified *ALL connections. If CNNLOGNBR is a specific log number, the catalog information from the most recent save which included the specified connection is used.
*MOUNTED	Restore from the catalog information on the mounted save media; the on-line save catalog is not used. This value is required if the save media was saved on another system or another files library and the current on-line catalog does not have a copy of the save information. If *MOUNTED is specified, then none of the parameters which specify the save media (DEV, SAVLIB and either {VOL, LABEL, SEQNBR} or SAVF) may be specified as *CATALOG.
save-catalog-number	Restore using the information from the specified save catalog. The specified catalog must exist in the current files library.

Device

DEV The device to be used for the restore operation. It must already be known on the system by a device description.

Multiple device names and diskette devices are not supported for this command.

Possible values:

*CATALOG	The device will be determined from the referenced save catalog.
*MEDDFN	The restore operation is done using the devices and media identified in the media definition specified by the Media definition prompt (MEDDFN parameter).
*SAVF	The restore operation is done using the save file specified by the Save file prompt (SAVF parameter).

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*SYSVAL	The device name contained in the system parameter EXDEV will be substituted.
optical-device-name	Specify the name of the optical device used for the restore operation.
tape-device-name	Specify the names of one or more tape devices used for the restore operation. If you are using more than one tape device (up to a maximum of four), specify the names of the devices in the order in which they are used. When more than one tape volume is to be restored, using more than one tape device permits one tape volume to be rewound while another tape device processes the next tape volume. To use more than one device in parallel, a media definition must be specified.
tape-media-library-device-name	Specify the name of the tape media library device used for the restore operation.

Saved from library

SAVLIB The library from which the connection data was saved. If ***SAVLIB** is specified for the Restore to library parameter, then this is also the name of the library to which the connection data is to be restored.

Possible values:

*CATALOG	The save library will be determined from the referenced save catalog
*CURRENT	The library name found in the Cleo system value EXTFILLIB will be used
library-name	Specify the name of the library from which the original data was saved

Volume identifier

VOL The volume identifier of the tape volume from which the objects are restored.

Possible values:

*CATALOG	The volume identifier will be determined from the referenced save catalog.
*MOUNTED	The connection data is restored from the volume that is currently placed in the device specified on the Device prompt

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	(DEV parameter).
volume-identifier	Specify the volume identifier to be used.

Sequence number SEQNBR When tape is used, the tape sequence number for the restore operation.

Possible values:

*CATALOG	The sequence number will be determined from the referenced save catalog.
*SEARCH	The volume in the device is searched for a data file with an identifier that matches the FROMLABEL parameter value; when a match is found, the object is restored. If the last operation on the device specified *LEAVE for the End of tape option prompt (ENDOPT parameter), indicating that the tape is positioned at the location where the last operation ended, the file search starts with the first data file beyond the current tape position. If *LEAVE was not used for the End of tape option prompt (ENDOPT parameter) of the last operation, or if the tape was manually rewound since the operation, the search starts with the first data file on the volume.
file-sequence-number	Specify the sequence number of the file used for the restore operation. Valid values range from 1 through 16777215.

Label LABEL Identifies the data file on the tape used for the restore.

Possible values:

*CATALOG	The file label will be determined from the referenced save catalog.
*SAVLIB	The file label is the name specified on the Saved library prompt (SAVLIB parameter).
data-file-identifier	Specify the data file identifier for the tape file used for the restore operation.

ENDOPT See Save commands in the Shared Parameters section. The default is ***SYSVAL**.

End of tape option

--	--

Save file SAVF Specifies the name and library of the save file that contains the save data for the objects that are restored.

Possible values:

*CATALOG	The save file will be determined from the referenced save catalog.
save-file-name	Specify the name of the save file.

Possible Library values:

*CURLIB	The current library for the job is used to locate the save file. If no current library entry exists in the library list, QGPL is used.
*LIBL	The library list is used to locate the save file.
library-name	Specify the name of the library to be searched.



Log numbers for restore LOG Specifies whether the connections are to be restored to the original log numbers or whether new log numbers are to be assigned.

If ***SAME** is chosen, a pre-pass check is done over all the logs to determine whether the saved log numbers already exist in the target library. If they do exist, they are checked to determine

whether they represent the same data that was saved (possibly with new status, possibly partially deleted). If the on-line logs match, the saved logs are copied with update/add logic, and the data members are copied with replace. If they do not match (for example, if the save is from a different system or library with accidentally overlapping log numbers), an error message is issued and the restore is cancelled.

If ***NEW** is chosen, new log numbers and data members are assigned and the saved logs and data are copied to the new log numbers. This can be used, for example, to duplicate data for test purposes.

Possible values:

*NEW	Assign new log numbers during the restore process, creating new log records.
*SAME	Restore the log records using the same log numbers as were saved, updating existing records or creating new records as required.

Restore to library RSTLIB Specifies whether the objects are restored to a different library or to the same library where they were saved. Possible values:

*CURRENT	The library name found in the Cleo system value EXTFILLIB will be used.
*SAVLIB	The objects are restored to the library from which they were saved.
library-name	Specify the name of the library where the saved objects are restored.

Output OUTPUT Specifies whether a listing that shows information about the status of the objects is created.

The listing shows the parameter values that were specified and shows all objects, restored and not

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restored. Information about each objects security is listed for the restored objects.

Possible values:

*NONE	No output is created.
*OUTFILE	The output is directed to the database file specified on the File to receive output prompt (OUTFILE parameter). Note: You must specify the database file name on the File to receive output prompt (OUTFILE parameter) when OUTPUT(*OUTFILE) is specified.
*PRINT	The output is printed with the jobs spooled output.
*PRINTONLY	A report will be printed detailing the saved connection information. The connection data and log records will not be restored.

Update (Cleo) save history

UPDHST Cleo EEI includes history files which record each SAVCNNDTA operation both as an on-line save catalog and as a save history record against each connection which was saved. This parameter specifies whether this on-line information should be updated as a result of the present RSTCNNDTA command.

It is only applicable if the connections being restored are not presently represented in the on-line catalog. This is possible if the connections were saved on another system or from another files library, or if the on-line catalog records have been deleted.

***YES** should be used when restoring saved connections which were originally saved on a different system or from a different files library. In this case, the current system does not have the save catalog information on-line. After restoring with, the on-line catalog will then reflect the save from the other system or files library.

***NO** should be used when restoring saved connections which were originally saved on a different system or from a different files

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library, and it is desired that the on-line catalog information not be updated.

Possible values:

*NO	Do not update save history.
*YES	Update save history.

Data option DTAOPT Specifies which data members (if any) are to be restored.

The data is maintained in the Cleo system files library in a separate data member for each direction (send and receive) for each connection.

There are data members in both wrapped and nonwrapped form. The wrapped form is substantially more compact.

If a connection was not saved with both wrapped and nonwrapped data, then only those values which represent actual saved data will function. For example, if only wrapped data was saved, a value of ***NONWRAPPED** will result in no data being restored with no error reported.

All log records which were saved will always be restored by this command.

Possible values:

*BOTH	Both wrapped and nonwrapped members are restored.
*NONE	No data members are restored. Only log records are restored.
*NONWRAPPED	Only the nonwrapped data members are restored.
*WRAPPED	Only the wrapped data members are restored.

RSTCS Restore control scripts

The RSTCS command restores control scripts that were saved with the SAVCS command. This command may also be used to restore control scripts from other systems.

Note: The **Receive control scripts** command (RCVCS) receives and restores control scripts sent from another system via SNADS.

```

Restore control scripts (RSTCS)

Type choices, press Enter.

Device . . . . . DEV          _____
Network ID code . . . . . NETID  *ALL_____
Control script name . . . . . SCRIPT *ALL_____
Volume identifier . . . . . VOL    *MOUNTED_____
Sequence number . . . . . SEQNBR  *SEARCH_____
Label . . . . . LABEL          *LIB_____
End of tape option . . . . . ENDOPT *REWIND_____
Save file . . . . . SAVF        _____
Library . . . . .                *LIBL_____

Additional Parameters

Restore to library . . . . . RSTLIB  *CURRENT_____

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

```

Device DEV See "Restore commands" in the "Shared Parameters" section.

Network ID code NETID The network to be restored. The default is ***ALL**.

Control script name SCRIPT The script to be restored. The default is ***ALL**.

Volume identifier VOL See "Restore commands" in the "Shared Parameters" section.

Sequence number SEQNBR See "Restore commands" in the "Shared Parameters" section.

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Label LABEL See "Restore commands" in the "Shared Parameters" section.

End of tape option ENDOPT See "Restore commands" in the "Shared Parameters" section.

Save file SAVF See "Restore commands" in the "Shared Parameters" section.

Additional Parameters

Restore to library RSTLIB See "Restore commands" in the "Shared Parameters" section.

RSTCT Restore code table(s)

The RSTCT command restores code tables that were saved with the SAVCT command. This command may also be used to restore code tables from other systems.

Note: The **Restore code table(s)** command (RCVCT) receives and restores code tables sent from another system via SNADS.

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```

                                Restore code table(s) (RSTCT)

Type choices, press Enter.

Device . . . . . DEV
Code table reference name . . . TABLE      *ALL
Volume identifier . . . . . VOL             *MOUNTED
Sequence number . . . . . SEQNBR          *SEARCH
Label . . . . . LABEL                     *LIB
End of tape option . . . . . ENDOPT       *REWIND
Save file . . . . . SAVF
Library . . . . .
                                *LIBL

                                Additional Parameters

Restore to library . . . . . RSTLIB        *CURRENT

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

```

Device	DEV See "Restore commands" in the "Shared Parameters" section.
Code table reference name	TABLE The code table to be restored. The default is *ALL .
Volume identifier	VOL See "Restore commands" in the "Shared Parameters" section.
Sequence number	SEQNBR See "Restore commands" in the "Shared Parameters" section.
Label	LABEL See "Restore commands" in the "Shared Parameters" section.
End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.

Save file SAVF See "Restore commands" in the "Shared Parameters" section.

Additional Parameters

Restore to library RSTLIB See "Restore commands" in the "Shared Parameters" section.

RSTFI Restore formula ids

The RSTFI command restores formulas that were saved with the SAVCT command. This command may also be used to restore formulas from other systems.

Note:The **Receive formula id(s)** command (RCVFI) receives and restores formulas sent from another system via SNADS.

```

Restore formula ids (RSTFI)
Type choices, press Enter.
Device . . . . . DEV
Formula ID . . . . . FORMULAID
Volume identifier . . . . . VOL
Sequence number . . . . . SEQNBR
Label . . . . . LABEL
End of tape option . . . . . ENDOPT
Save file . . . . . SAVF
Library . . . . .
                                     +MOUNTED
                                     +SEARCH
                                     +LIB
                                     +REWIND
                                     +LIBL
Additional Parameters
Restore to library . . . . . RSTLIB
                                     +CURRENT
Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
    
```

Device DEV See "Restore commands" in the "Shared Parameters" section.

	Parameters" section.
Formula ID	FORMULAID The formula to be restored. *ALL may be used.
Volume identifier	VOL See "Restore commands" in the "Shared Parameters" section.
Sequence number	SEQNBR See "Restore commands" in the "Shared Parameters" section.
Label	LABEL See "Restore commands" in the "Shared Parameters" section.
End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.
Save file	SAVF See "Restore commands" in the "Shared Parameters" section.

Additional Parameters

Restore to library	RSTLIB See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

RSTFS Restore File Set

The RSTFS command restores application file sets that were saved with the SAVFS command. This command may also be used to restore application file sets from other systems.

Note: The **Receive file sets** command (RCVFS) receives and restores application file sets sent from another system via SNADS.

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```

                                Restore File Set (ASTFS)

Type choices, press Enter.

Device . . . . . DEV
Application file set name . . . FSET      *ALL
Restore file definitions . . . . RSTFILES *YES
Volume identifier . . . . . VOL         *MOUNTED
Sequence number . . . . . SEQNBR      *SEARCH
Label . . . . . LABEL                 *LIB
End of tape option . . . . . ENDOPT    *REWIND
Save file . . . . . SAVF
Library . . . . .
                                *LIBL

                                Additional Parameters

Restore to library . . . . . RSTLIB     *CURRENT

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

```

Device	DEV See "Restore commands" in the "Shared Parameters" section.
Application file set	FSET The application file set to be restored. The default is *ALL .
Restore file definitions	RSTFILES Specifies whether the file, format, and field information for all files in the application file set are to be restored. Possible values:

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*NO	Do not restore file definitions.
*YES	Restore file definitions.

Volume identifier	VOL See "Restore commands" in the "Shared Parameters" section.
--------------------------	----------------------------------------------------------------

Sequence number	SEQNBR See "Restore commands" in the "Shared Parameters" section.
------------------------	-------------------------------------------------------------------

Label	LABEL See "Restore commands" in the "Shared Parameters" section.
--------------	------------------------------------------------------------------

End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

Save file	SAVF See "Restore commands" in the "Shared Parameters" section.
------------------	-----------------------------------------------------------------

Additional Parameters

Restore to library	RSTLIB See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

RSTNPS **Restore network files**

The Restore network files (RSTNPS) command allows you to restore a network, including the ports and scripts.

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Restore EXTOL EDI Integrator (EEI) v6.5

Type choices, press Enter.

Device	DEV	_____
Network code	NWID	_____
Network port code	PORT	*ALL
Network control script	CTLSCPT	*ALL
Option	OPTION	*NEW

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

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Device DEV See "Restore commands" in the "Shared Parameters" section.

Network Code NWID - Identifies the network to be restored.

The possible values are:

***ALL** Restore all networks included in the specified tape or save file.

Network code Specific network to restore.

Network port code PORT - Identifies the port to be restored.

The possible values are:

***ALL** All ports are restored for the specified network.

***NONE** No ports will be restored.

Network port code Specific port to restore for the network.

Network control script CTLSCRPT - The possible values are:

***ALL** All control scripts are restored for the specified network.

***NONE** No control scripts are restored..

Network control script Specific control script to restore for the network.

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Option OPTION - Specifies how to handle restoring the network files.

The possible values are:

*NEW	Networks that do not exist in the specified library are restored.
*ALL	All networks, ports, and scripts (if specified) in the saved object are restored to the specified library. Records in the saved object replace those in the specified library. Records not in the specified library are added. Network, port, and script records in the specified library, but not in the saved object, remain in the specified library.
*OLD	Only networks, ports, and scripts that exist in the specified library are restored.

RSTSS Restore sort specifications

The Restore Sort Specifications (RSTSS) command allows you to restore an application file set sort specification.

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Restore Sort Specifications (RSTSS)

Type choices, press Enter.

```
Device . . . . . DEV          _____
Application file set name . . . FSET      _____
Sort specification . . . . . SORTSPEC     _____
```

Bottom

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

Device	DEV See "Restore commands" in the "Shared Parameters" section.
---------------	----------------------------------------------------------------

Application file set name	FSET- Specifies the name of the application file set to be restored.
	This is a required parameter.

Sort specifications	SORT - Specifies the name of the application file set to be restored.
	This is a required parameter.

RSTMC Restore Message Class

The RSTMC command restores message classes that were saved with the SAVMC command. This command may also be used to restore message classes from other systems.

Note: The **Receive Message Class** command (RCVMC) receives and restores message classes sent from another system via SNADS.

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```

Restore Message Class (RSTMC)

Type choices, press Enter.

Device . . . . . DEV                          
Message ID . . . . . MSGID          +ALL
Message class . . . . . MSGCLS      +ALL
Option . . . . . OPTION             +NEW
Volume identifier . . . . . VOL      +MOUNTED
Sequence number . . . . . SEQNBR    +SEARCH
Label . . . . . LABEL               +LIB
End of tape option . . . . . ENDOPT +REWIND
Save file . . . . . SAVF                      
Library . . . . .                   +LIBL

Additional Parameters

Restore to library . . . . . RSTLIB  +CURRENT

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

```

Device DEV See "Restore commands" in the "Shared Parameters" section.

Message ID MSGID The message ID of the message class mapping to be restored. The default is ***ALL**.

Message class MSGCLS The name of the message class mapping to be restored. The default is ***ALL**.

Option OPTION See "Restore commands" in the "Shared Parameters" section.

Volume identifier VOL See "Restore commands" in the "Shared Parameters" section.

Sequence number SEQNBR See "Restore commands" in the "Shared Parameters" section.

Label	LABEL See "Restore commands" in the "Shared Parameters" section.
End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.
Save file	SAVF See "Restore commands" in the "Shared Parameters" section.

Additional Parameters

Restore to library	RSTLIB See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

RSTSTDCIVD Restore Standards by Group

The RSTSTDCIVD command restores standards for a specific industry group and version/release that were saved with the CPYSTDCIVD command. This process of copying/restoring standards is used to update standards on other systems.

```

RESTORE STANDARDS by GROUP (RSTSTDCIVD)

Type choices, press Enter.

Device . . . . . DEV
Standard class code . . . . . STDCLS
Industry group code . . . . . INDGRP
Version-release . . . . . VERREL
. . . . . ANS
Volume identifier . . . . . VOL
Sequence number . . . . . SEQNBR
Label . . . . . LABEL
End of tape option . . . . . ENDOPT
Save file . . . . . SAVF
Library . . . . .

Additional Parameters

Restore to library . . . . . RSTLIB

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

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Device	DEV See "Restore commands" in the "Shared Parameters" section.
---------------	----------------------------------------------------------------

Standard class code	STDCLS The standard class to be restored.
----------------------------	-------------------------------------------

Industry group code	INDGRP The industry group to be restored.
----------------------------	-------------------------------------------

Version-release	VERREL The version-release to be restored.
------------------------	--------------------------------------------

	ANS The special code needed to run this command.
--	--------------------------------------------------

Volume identifier	VOL See "Restore commands" in the "Shared Parameters" section.
--------------------------	----------------------------------------------------------------

Sequence number	SEQNBR See "Restore commands" in the "Shared Parameters" section.
------------------------	-------------------------------------------------------------------

Label	LABEL See "Restore commands" in the "Shared Parameters" section.
--------------	------------------------------------------------------------------

End of tape option	ENDOPT See "Restore commands" in the "Shared Parameters" section.
---------------------------	-------------------------------------------------------------------

Save file	SAVF See "Restore commands" in the "Shared Parameters" section.
------------------	-----------------------------------------------------------------

Restore to library RSTLIB See "Restore commands" in the "Shared Parameters" section.

RSTTP Restore trading partner(s)

The RSTTP command restores trading partners saved with the SAVTP command. This command may also be used to restore trading partners from other systems.

Note: The **Receive trading partner** command (RCVTP) receives and restores trading partners sent from another system via SNADS.

```

Restore trading partner(s) (RSTTP)

Type choices, press Enter.

Device . . . . . DEV
Trading partner code . . . . . TPCD      *ALLTP
Restore TP groups . . . . . RSTGAP      *YES
Restore TP message classes . . . . . RSTTPMC *YES
Volume identifier . . . . . VOL          *MOUNTED
Sequence number . . . . . SEQNBR        *SEARCH
Label . . . . . LABEL                   *LIB
End of tape option . . . . . ENDOPT      *REWIND
Save file . . . . . SAVF
Library . . . . . *LIBL

Additional Parameters

Restore to library . . . . . RSTLIB      *CURRENT

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

```

Device DEV See "Restore commands" in the "Shared Parameters" section.

Trading partner code TPCD The identifier of the trading partner to be restored. The default is ***ALLTP**, which restores all trading partners.

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Restore TP groups

RSTGRP Specifies whether trading partner group records are to be restored. Possible values:

*NO	Specifies that the Trading partner group records are not to be restored.
*YES	Specifies that all Trading partner group records which have been saved for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be restored.

Restore TPmessage classes

RSTTPMC Specifies whether trading partner message class records are to be restored. ***YES** is only valid if ***YES** is also specified for the Restore TP groups parameter.

Possible values:

*NO	Specifies that the Trading partner message class records are not to be restored.
*YES	Specifies that all Trading partner message class records which have been saved for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be restored.

Volume identifier

VOL See "Restore commands" in the "Shared Parameters" section.

Sequence number

SEQNBR See "Restore commands" in the "Shared Parameters" section.

Label

LABEL See "Restore commands" in the "Shared Parameters" section.

End of tape option

ENDOPT See "Restore commands" in the "Shared Parameters" section.

Save file SAVF See "Restore commands" in the "Shared Parameters" section.

Additional Parameters

Restore to library

RSTLIB See "Restore commands" in the "Shared Parameters" section.

RSTTTP Restore total trading partner

The Restore total trading partner (RSTTTP) command restores a complete trading partner including all message classes, file sets, files, formulas and code tables saved with the Save Total Trading Partner (SAVTTP) command.

```

Restore total trading partner (RSTTTP)

Type choices, press Enter.

Device .....          Name, *SAVF
Trading partner code .....          Character value
Option .....          *NEW          *ALL, *NEW, *OLD
Restore file definitions .... *YES          *YES, *NO

Additional Parameters

Restore to library ..... *CURRENT  Name, *CURRENT

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

Device	DEV See "Restore commands" in the "Shared Parameters" section.
Trading partner code	TPCD The identifier of the trading partner to be restored.
Option	OPTION See "Receive commands" in the "Shared Parameters" section.

Restore File Definitions RSTFILES Specifies whether the file, format, and field information for all files in the application file set are to be restored. Possible values:

*NO	Do not restore file definitions.
*YES	Restore file definitions.

Additional Parameters

Restore to library RSTLIB See "Restore commands" in the "Shared Parameters" section.

RTVAFD Retrieve application file desc

The RTVAFD command retrieves application file descriptions from a library.

```

Retrieve application file desc (RTVAFD)
Type choices, press Enter.
Application file . . . . . APPFIL
Library . . . . . #USRLIBL
Additional Parameters
System . . . . . SYSTEM #LCL
Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
    
```

Application file APPFIL The file names.

Possible values:

*ALL	Retrieve all user application file descriptions from the specified library.
*GENERIC	Retrieve application files whose names begin with the specified characters.

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application file name	The specific application file to retrieve.
------------------------------	--------------------------------------------

Possible Library values:

*ALL	All libraries in the system, including QSYS, are searched.
*ALLUSR	All user libraries are searched. Those with names that do not begin with the Q are searched except for the following: #CGULIB, #DSULIB, #SEULIB, #COBLIB, #RPLIB, #DFULIB, #SDALIB.
*CURLIB	Only the current library in the library list is searched. If no current entry exists in the library list, QGPL is used.
*LIBL	All libraries in the jobs library list are searched until the first match is found.
*USRLIBL	Only the libraries listed in the user portion of the jobs library list are searched.
library name	Specify the name of the library to be searched.

Additional Parameters

System

SYSTEM Specifies whether the information returned is about files on the local system or files on remote systems.

Possible values:

*ALL	The information returned is about both local and remote files.
*LCL	The information returned is about local files only.
*RMT	The information returned is about remote files only.

RTVCFLLIN Retrieve conflicting line

The RTVCFLLIN command retrieves requested information about the line currently prohibiting you from *varying on* the line you intend to use. You do not have to supply a CL variable for each parameter.

```

Retrieve conflicting line (RTVCFLLIN)

Type choices, press Enter.

Line description name . . . . . LIND
CL var for CFLLIND      (10) . . CFLLIND
CL var for STSCDE      (5 0) . . STSCDE
CL var for STSTEXT     (20) . . SYSTEXT
CL var for CMNTYPE     (10) . . CMNTYPE
CL var for RSACNAME    (10) . . RSACNAME
CL var for ONLINE      (10) . . ONLINE
CL var for TEXT        (50) . . TEXT

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
Command RTVCFLLIN not allowed in this setting.

```

Line description name LIND The line description that you are trying to use.

CL var for CFLLIND CFLLIND The CL variable to hold the name of the conflicting line.

CL var for STSCDE STSCDE The CL variable to hold the status code.

The description of this code can be returned in the CL var for STSTEXT parameter.

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CL var for STSTEXT STSTEXT The CL variable to hold the status description. Possible values:

*Damaged	The network server, network interface, line, controller, or device has incurred hard damage and cannot be used. The object should be deleted and created again.
*Locked	The network server, network interface, line, controller, or device attributes cannot currently be determined due to an exclusive lock by another job.
*Unknown	The network server, network interface, line, controller, or device status cannot be determined. This is an exception condition.
Active	The network server, network interface, line, controller, or device is in use.
Active/allocate	The device is in use by a job allocating a source program on a session.
Active/detached	The device is in use by a job detached from the session.
Active/reader	The device is in use by a spool reader.
Active/source	The device is in use by a source job.
Active/target	The device is in use by a target job.
Active/writer	The device is in use by a spool writer.
Connect pending	The line is in the process of being activated.
Damaged	The network server, network interface, line, controller, or device description is damaged.
Diagnostic mode	The network server, network interface, line, controller, or device has been put in diagnostic mode.
Failed	The network server, network interface, line, controller, or device is no usable. The object should be varied off and varied on again.
Failed/allocate	The device is not available for use and a job is attempting to allocate a source conversation.
Failed/detached	The device is not available for use and it is in use by a job detached from the session.
Failed/reader	The device is not available for use and it is in use by a spool reader.
Failed/source	The device is not available for use and it is in by a source job.

RTVCFLINT Retrieve conflicting line (interactive)

The RTVCFLINT command interactively displays the line that is active and using the resource for the line you are trying to *vary on*.

The command also shows the conflicting lines status/description, communication type, resource name, on-line status, and line description.

```
Retrieve conflicting line (RTVCFLINT)
Type choices, press Enter.
Line description name . . . . . LIND
Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
```

Line description name LIND The line description that you are trying to use.

RTVMSGCLS Retrieve message class info

The RTVMSGCLS command retrieves message class information.

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```

Retrieve message class info (RTVMSGCLS)

Type choices, press Enter.

Message ID . . . . . MSGID
Message class . . . . . MSGCLS
CL var for STDCLASS (1) . . STDCLASS
CL var for INDGROUP (1) . . INDGROUP
CL var for VERREL (6) . . VERREL
CL var for FSET (10) . . FSET
CL var for STATUS (1) . . STATUS
CL var for DIRECTION (1) . . DIRECTION
CL var for TEXT (50) . . TEXT
CL var for SESSION (7 0) . . SESSION
CL var for CATDATTIM (15 0) . . CATDATTIM
CL var for CHGDATTIM (15 0) . . CHGDATTIM
CL var for CHGJOB (10) . . CHGJOB
CL var for CHGUSER (10) . . CHGUSER
CL var for CHGJOBNBR (6) . . CHGJOBNBR
CL var for CHGPGM (10) . . CHGPGM

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
Command RTVMSGCLS not allowed in this setting.
  
```

Message ID	MSGID The message ID of the message class mapping to be retrieved.
Message class	MSGCLS The name of the message class mapping to be retrieved.
CL var for STDCLASS	STDCLASS The CL variable used to contain the returned value for standard class.
CL var for INDGROUP	INDGROUP The CL variable used to contain the returned value for industry group.
CL var for VERREL	VERREL The CL variable used to contain the returned value for version/release.
CL var for FSET	FSET The CL variable used to contain the returned value for application file set.
CL var for STATUS	STATUS The CL variable used to contain the returned value for status.
CL var for DIRECTION	DIRECTION The CL variable used to contain the returned value for direction code.
CL var for TEXT	TEXT The CL variable used to contain the returned value for message class text.

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CL var for SESSION SESSION The CL variable used to contain the returned value for session.

CL var for CRTDATTIM CRTDATTIM The CL variable used to contain the returned value for creation date/time.

CL var for CHGDATTIM CHGDATTIM The CL variable used to contain the returned value for change date/time.

CL var for CHGJOB CHGJOB The CL variable used to contain the returned value for last changed by job.

CL var for CHGUSER CHGUSER The CL variable used to contain the returned value for last changed by user.

CL var for CHGJOBNBR CHGJOBNBR The CL variable used to contain the returned value for last changed by job number.

CL var for CHGPGM CHGPGM The CL variable used to contain the returned value for last changed by program.

RTVMSGREF Retrieve message by ref fields

The RTVMSGREF command retrieves message information by message reference fields.

```

Retrieve message by ref fields (RTVMSGREF)

Type choices, press Enter.
Reference field #1 . . . . . REF1SLT
Reference field #2 . . . . . REF2SLT
Reference field #3 . . . . . REF3SLT
Trading partner . . . . . TPCDSL  +ALL
Functional group code . . . . . GPCDSL  +ALL
Message ID . . . . . MSGIDSLT  +ALL
Message class . . . . . MSGCLSSLT  +ALL
Functional status . . . . . FSTSSL  +ALL
Beginning at connect date/time: DATIMSLT
  Beginning time . . . . . +AVAIL
  Beginning date . . . . . +BEGIN
Scan limit . . . . . SCHLMT  500
LR control on return . . . . . CTLLR  +LR
More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVMSGREF not allowed in this setting.
  
```

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```

Retrieve message by ref fields (RTVMSGREF)

Type choices, press Enter.

CL var for EARMMSGID      (7) . . EARMMSGID      _____
CL var for MSGLOGNBR    (11 0) . . MSGLOGNBR    _____
CL var for CNNLOGNBR    ( 7 0) . . CNNLOGNBR    _____
CL var for CNNDATTIM    (15 0) . . CNNDATTIM    _____
CL var for SCRIPT       (10) . . SCRIPT        _____
CL var for NETID        (15) . . NETID         _____
CL var for INTLOGNBR    ( 9 0) . . INTLOGNBR    _____
CL var for INTCTLREF    (14) . . INTCTLREF     _____
CL var for INTDATE      (6) . . INTDATE       _____
CL var for INTTIME      (4) . . INTTIME       _____
CL var for TESTIND      (1) . . TESTIND       _____
CL var for INTDTALOC    (20) . . INTDTALOC     _____
CL var for CNNDTALOC    (20) . . CNNDTALOC     _____
CL var for GAPLOGNBR    ( 9 0) . . GAPLOGNBR    _____
CL var for GAPCTLREF    (14) . . GAPCTLREF     _____
CL var for GAPDATE      (6) . . GAPDATE       _____

More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVMSGREF not allowed in this setting.

```

```

Retrieve message by ref fields (RTVMSGREF)

Type choices, press Enter.

CL var for GAPTIME      (4) . . GAPTIME        _____
CL var for APPLOGNBR    ( 9 0) . . APPLOGNBR    _____
CL var for APPDTALOC    (20) . . APPDTALOC     _____
CL var for APPDATTIM    (15 0) . . APPDATTIM    _____
CL var for FSET         (10) . . FSET         _____
CL var for TPCD         (6) . . TPCD          _____
CL var for GPCD         (6) . . GPCD          _____
CL var for MSGID        (6) . . MSGID         _____
CL var for MSGCLS       (10) . . MSGCLS        _____
CL var for DRCD         (1) . . DRCD          _____
CL var for FSTS         (1) . . FSTS          _____
CL var for ISTS         (1) . . ISTS          _____
CL var for ASTS         (1) . . ASTS          _____
CL var for REF1         (30) . . REF1         _____
CL var for REF2         (30) . . REF2         _____
CL var for REF3         (30) . . REF3         _____

More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVMSGREF not allowed in this setting.

```

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```

Retrieve message by ref fields (RTVMSGREF)

Type choices, press Enter.

CL var for REFDT1      (11 0) . . REFDT1      _____
CL var for REFDT2      (11 0) . . REFDT2      _____
CL var for MSGCTFREF    (14) . . MSGCTLREF     _____
CL var for CMNACCREF    (35) . . CMNACCREF     _____
CL var for TRSTS        ( 1) . . TRSTS        _____
CL var for TRSEQ        ( 2 0) . . TRSEQ        _____
CL var for STRWRPREC    ( 9 0) . . STRWRPREC    _____
CL var for STRWRPCHR    ( 5 0) . . STRWRPCHR    _____
CL var for APFIL        (10) . . APFIL        _____
CL var for APFMT        (10) . . APFMT        _____
CL var for APRRN        ( 9 0) . . APRRN        _____
CL var for STANWREC     ( 9 0) . . STANWREC     _____
CL var for ENDWREC      ( 9 0) . . ENDWREC      _____
CL var for STANWRECA    ( 9 0) . . STANWRECA    _____
CL var for ENDWRECA     ( 9 0) . . ENDWRECA     _____
CL var for ACKMSGLOG    (11 0) . . ACKMSGLOG    _____

More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVMSGREF not allowed in this setting.

```

```

Retrieve message by ref fields (RTVMSGREF)

Type choices, press Enter.

CL var for TRNJOB      (11 0) . . TRNJOB      _____

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVMSGREF not allowed in this setting.

```

Reference field #1 REF1SLT Search reference field #1 for this value.

Reference field #2 REF2SLT Search reference field #2 for this value.

Reference field #3 REF3SLT Search reference field #3 for this value.

Trading partner TPCDSLST Restrict search to this trading partner
code. The default is ***ALL**.

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Functional group code GPCDSLTL Restrict search to this functional group code. The default is ***ALL**.

Message ID MSGIDSLTL Restrict search to this message ID. The default is ***ALL**.

Message class MSGCLSSLTL Restrict search to this message ID. The default is ***ALL**.

Functional status FSTSSLTL The **Functional** status of the message.
Possible values:

*ADDED (A)	
*ALL	All functional status records will be included.
*DUPERR (D)	
*ENV (L)	
*ENVERR (Q)	
*GEN (G)	
*GENERR (H)	
*MIXED (M)	
*PURGE (P)	
*RCVD (R)	
*RCVERR (I)	
*SENT (S)	
*SNDERR (F)	
*TRANS (T)	
*TRNERR (E)	
*UNWERR (V)	
*UNWNO (N)	
*UNWRAP (U)	

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*WRAP (W)	
*WRPERR (X)	

Beginning at connect dat/time DATTIMSLT The beginning date/time of the connection.

Possible Beginning time values:

*AVAIL	Earliest available time will be used.
Time	Specific starting time.

Possible Beginning date values:

*BEGIN	Earliest available date will be used.
*CURRENT	The current date will be used.
date	Specific starting date.

Scan limit SCNLMT Maximum number of records to process as a unit during searching. Possible values:

*NONE	No limit
500	

LR control on return CTLLR How to handle program resources when ending current search.

Possible values:

*LR	Reclaim all resources.
*LROONLY	Reclaim all resources.
*NLR	Do not reclaim resources.

CL var for ERRMSGID ERRMSGID The CL variable used to contain any returned error message ID.

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CL var for MSGLOGNBR	MSGLOGNBR The CL variable used to contain the returned message log number.
CL var for CNNLOGNBR	CNNLOGNBR The CL variable used to contain the returned connection log number.
CL var for CNNDATTIM	CNNDATTIM The CL variable used to contain the returned connection date/time.
CL var for SCRIPT	SCRIPT The CL variable used to contain the returned script.
CL var for NETID	NETID The CL variable used to contain the returned network ID.
CL var for INTLOGNBR	INTLOGNBR The CL variable used to contain the returned interchange log number.
CL var for INTCTLREF	INTCTLREF The CL variable used to contain the returned interchange control reference.
CL var for INTDATE	INTDATE The CL variable used to contain the returned interchange date.
CL var for INTTIME	INTTIME The CL variable used to contain the returned interchange time.
CL var for TESTIND	TESTIND The CL variable used to contain the returned test indicator.
CL var for INTDTALOC	INTDTALOC The CL variable used to contain the returned interchange data location.
CL var for CNNDTALOC	CNNDTALOC The CL variable used to contain the returned connection data location.
CL var for GRPLOGNBR	GRPLOGNBR The CL variable used to contain the returned group log number.
CL var for GRPCTLREF	GRPCTLREF The CL variable used to contain the returned group control reference.
CL var for GRPDATE	GRPDATE The CL variable used to contain the returned group control date.

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CL var for GRPTIME	GRPTIME The CL variable used to contain the returned group control time.
CL var for APPLOGNBR	APPLOGNBR The CL variable used to contain the returned application log number.
CL var for APPDTALOC	APPDTALOC The CL variable used to contain the returned application data location.
CL var for APPDATTIM	APPDATTIM The CL variable used to contain the returned application date/time.
CL var for FSET	FSET The CL variable used to contain the returned application file set.
CL var for TPCD	TPCD The CL variable used to contain the returned trading partner code.
CL var for GPCD	GPCD The CL variable used to contain the returned group code.
CL var for MSGID	MSGID The CL variable used to contain the returned message ID.
CL var for MSGCLS	MSGCLS The CL variable used to contain the returned message class.
CL var for DRCD	DRCD The CL variable used to contain the returned direction code.
CL var for FSTS	FSTS The CL variable used to contain the returned Functional status.
CL var for ISTS	ISTS The CL variable used to contain the returned In process status.
CL var for ASTS	ASTS The CL variable used to contain the returned acknowledgement status.
CL var for REF1	REF1 The CL variable used to contain the returned reference field #1 data.
CL var for REF2	REF2 The CL variable used to contain the returned reference field #2 data.
CL var for REF3	REF3 The CL variable used to contain the returned

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CL var for REFDT1	REFDT1 The CL variable used to contain the returned reference date/time #1 data.
CL var for REFDT2	REFDT2 The CL variable used to contain the returned reference date/time #2 data.
CL var for MSGCTLREF	MSGCTLREF The CL variable used to contain the returned message control reference.
CL var for CMNACCREF	CMNACCREF The CL variable used to contain the returned common access reference.
CL var for TRSTS	TRSTS The CL variable used to contain the returned transfer status.
CL var for TRSEQ	TRSEQ The CL variable used to contain the returned transfer status sequence.
CL var for STRWRPCHR	STRWRPCHR The CL variable used to contain the returned start wrapped character number.
CL var for APFIL	APFIL The CL variable used to contain the returned application file name.
CL var for APFMT	APFMT The CL variable used to contain the returned application file format name.
CL var for APRRN	APRRN The CL variable used to contain the returned application file relative record number.
CL var for STRNWRREC	STRNWRREC The CL variable used to contain the returned start non-wrapped record number.
CL var for ENDNWRREC	ENDNWRREC The CL variable used to contain the returned end non-wrapped record number.
CL var for ENDNWRRECA	ENDNWRRECA The CL variable used to contain the returned end non-wrapped application record number.
CL var for ACKMSGLOG	ACKMSGLOG The CL variable used to contain the returned acknowledgement message log number.
CL var for TRNJOB	TRNJOB The CL variable used to contain the returned

translation job number.

RTVSIV Retrieve ID elem code val desc

The RTVSIV command allows retrieval, for a specific element ID value, of the values text, delete status, lock status, and version/release.

```

Retrieve ID elem code val desc (RTVSIV)

Type choices, press Enter.

Element identifier code . . . . . ELMID      _____
Element value . . . . . ELMVAL             _____
CL var for VALTXT      (50) . . VALTXT      _____
CL var for DLTSTS     (1) . . DLTSTS       _____
CL var for LCKSTS     (1) . . LCKSTS       _____
CL var for VEARTN     (6) . . VEARTN       _____
Standard class code . . . . . STDCLS       X
Industry group subset code . . . INDGAP    ±
Version-release code . . . . . VERREL      ±

Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command RTVSIV not allowed in this setting.
  
```

Element identifier code ELMID The identifier assigned to the element in the standards.

Element value ELMVAL The value for the identifier assigned to the element to be retrieved.

CL var for VALTXT VALTXT The text value will be returned in this parameter.

CL var for DLTSTS DLTSTS The delete status will be returned in this parameter.

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CL var for LCKSTS LCKSTS The lock status will be returned in this parameter.

CL var for VERRTN VERRTN The version/release retrieved will be returned in this parameter.

Standard class code STDCLS A class of standards is a major grouping of standards that use a common syntax and are controlled by a common agency.

Possible values:

standard class code	The standard class code to be used for retrieval.
X	X12 standards.

Industry group subset code INDGRP A 1-character code for internal mapping to the six-character industry group ID.

Possible values:

*	Use full standards.
industry group subset code	Use this specific industry group subset code.

Version-release code VERREL A 6-character code which signifies the version number and the release number of the standard being used.

Possible values:

*	Use the latest version/release installed on your system.
version/release	The version/release to be used for retrieval.

S

SAVCM **Save conversion map data**

The SAVCM command saves conversion maps to a save file or a tape file. It may be used to transfer conversion maps to another system.

Note: The **Send Conversion Map** command (SNDCM) sends conversion maps to another system via SNADS.

```
Save conversion map data (SAVCM)

Type choices, press Enter.

Conversion map name . . . . . CNVRSN      _____
Device . . . . . DEV                      _____
Volume identifier . . . . . VOL            #MOUNTED
Sequence number . . . . . SEQNBR         #END
Label . . . . . LABEL                     #LIB
File expiration date . . . . . EXPDATE    #PERM
End of tape option . . . . . ENDOPT       #REWIND
Save file . . . . . SAVF                  _____
Library . . . . . LIB                     #LIBL
Create save file . . . . . CRTSAVF        #NO

Additional Parameters

Files library . . . . . LIB                #CURRENT
Target release . . . . . TGTALS           #CURRENT
Clear . . . . . CLEAR                     #NONE

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

```
Save conversion map data (SAVCM)

Type choices, press Enter.

Data compression . . . . . DTACPR        #DEV
Reorganize before copy . . . . . REORG    #NO

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

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Conversion map name	CNVRSN – The conversion map to be saved. *ALL ma used.
----------------------------	---------------------------------------------------------------

Device	DEV – See “Save commands” in the “Shared Paramet section. Multiple devices and diskette device na are not supported.
---------------	----------------------------------------------------------------------------------------------------------------------

Volume identifier	VOL – See “Save commands” in the “Shared Paramet section.
--------------------------	-----------------------------------------------------------

Sequence number	SEQNBR – See “Save commands” in the “Shared Parameters” section.
------------------------	------------------------------------------------------------------

Label	LABEL – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section.
-----------------------------	-------------------------------------------------------------------

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section.
---------------------------	------------------------------------------------------------------

Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
------------------	----------------------------------------------------------------

Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
-------------------------	-------------------------------------------------------------------

Additional Parameters

Files library	LIB – See “Save commands” in the “Shared Parameters” section.
----------------------	---------------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Clear	CLEAR – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

Data compression	DTACPR – See “Save commands” in the “Shared Parameters” section.
-------------------------	------------------------------------------------------------------

Reorganize before copy	REORG – See “Save commands” in the “Shared Parameters” section.
-------------------------------	-----------------------------------------------------------------

SAVCN Save connection data and logs

SAVCNNDTA Save connection data and logs

The SAVCN command saves connection data and associated log records to a save file or a tape file. It may be used to archive data so it may be deleted and, if required, later recovered from the save media. It may also be used to save data for transfer to another system or to another files library on the same system.

The SAVCNNDTA command submits SAVCN to batch.

By default, all levels of log records and both wrapped and non-wrapped data members are saved. Options are available to save fewer levels of log records, to save only wrapped or non-wrapped data, or to save only log records (no data). Saving data with no log records is not supported.

Note: The **Send connection data and logs** command (SND CN) sends connection data and logs to another system via SNADS.

```
Save connection data and logs (SAVCN)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR      _____
Device . . . . . DEV                          _____
Volume identifier . . . . . VOL                #MOUNTED
Sequence number . . . . . SEQNBR              #END
Label . . . . . LABEL                         #LIB
File expiration date . . . . . EXPDATE        #SYSVAL
End of tape option . . . . . ENDOPT          #SYSVAL
Save file . . . . . SAVF                      _____
Library . . . . . LIB                         #LIB
Create save file . . . . . CRTSAVF            #NO

Additional Parameters

Data option . . . . . DTAOPT                  #BOTH
Log record option . . . . . LOGOPT           #ALL
Files library . . . . . LIB                   #CURRENT

F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
Command SAVCN not allowed in this setting.
```

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```

Save connection data and logs (SAVCN)

Type choices, press Enter.

Target release . . . . . TGTALS          #CURRENT
Clear . . . . . CLEAR                 #NONE
Save active . . . . . SAVACT           #NO
Save active wait time . . . . . SAVACTWAIT 120
Save active message queue . . . . . SAVACTMSGQ #SYSVAL
Library . . . . .
Data compression . . . . . DTACPR        #SYSVAL
Data compaction . . . . . COMPACT        #SYSVAL
Reorganize before copy . . . . . REORG    #NO
Update (EXTOL) save history . . . . . UPDHST #YES
Output . . . . . OUTPUT                 #NONE
Retrieve member size info . . . . . RTVMBSIZ #UPDHST

Bottom
F3=Exit F4=Prompt F5=Refresh F12=Cancel F13=How to use this display
F24=More keys
Command SAVCN not allowed in this setting.

```

Connection log number

CNNLOGNBR – The connection log number of the connection to be saved.

The connection log number is uniquely assigned by Cleo EEI to each communications session.

Possible values:

*ALL	All connections in the specified files library will be saved.
*OBSOLETE	All connections in the specified files library which have been marked for deletion (in process status = "Deleting") will be saved. This value is used as the default on the SAVE parameter of the DLTDTA command.
connection-log-number	Specify a log number from 1 to 9999999 to save a single connection.

Device

DEV – See "Save commands" in the "Shared Parameters" section. Multiple devices names and diskette devices are not supported for this command. The default is ***SYSVAL**.

*SYSVAL	The value contained in the system parameter ECDEV will be substituted.
----------------	------------------------------------------------------------------------

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Volume identifier VOL - See "Save commands" in the "Shared Parameters" section.

Sequence number SEQNBR - See "Save commands" in the "Shared Parameters" section.

Label LABEL - See "Save commands" in the "Shared Parameters" section.

File expiration date EXPDATE - See "Save commands" in the "Shared Parameters" section. The default is ***SYSVAL**.

*SYSVAL	The value contained in the system parameter EXEXPDATE will be substituted.
----------------	-----------------------------------------------------------------------------------

End of tape option ENDOPT - See "Save commands" in the "Shared Parameters" section. The default is ***SYSVAL**.

*SYSVAL	The value contained in the system parameter EXENDOPT will be substituted.
----------------	----------------------------------------------------------------------------------

Save file SAVF - See "Save commands" in the "Shared Parameters" section.

Create save file CRTSAVF - See "Save commands" in the "Shared Parameters" section.

Additional Parameters

Data option

DTAOPT – The data members (if any) to be saved.

Data is maintained in the Cleo system files library in a separate data member for each direction (send and receive) for each connection. There are data members in both wrapped and non-wrapped form. The wrapped form is substantially more compact.

For incoming (receive) connections, the non-wrapped data may be reconstructed from the wrapped data, so it may be considered to be redundant for saving.

For outgoing (send) connections, the non-wrapped data is required in order to be able to re-wrap a partial connection for re-sending part of a connection after restore.

Possible values:

*BOTH	Both wrapped and non-wrapped members are saved.
*NONE	No data members are saved. Only log records as specified on the LOGOPT parameter are saved.
*NONWRAPPED	Only the non-wrapped data members are saved.
*WRAPPED	Only the wrapped data members are saved.

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Log record option LOGOPT – The log records to be saved.

Log records are maintained in the Cleo system files library at the levels of connection (communication session), interchange, functional group, and message (transaction set). The connection log records are always saved.

This parameter allows control over how many additional log records are saved.

There are generally only a few interchanges and groups per connection, while there are often large numbers of messages in a connection.

Possible values:

*ALL	All log records (connection, interchange, group and message) are saved.
*CNNONLY	Only the log of connection records are saved. All other lower level log records are not saved.
*NOMSGS	All log records (connection, interchange and group) above the message level are saved; message level log records are not saved.

Files library LIB – See “Save commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Clear CLEAR – See “Save commands” in the “Shared Parameters” section.

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Save active

SAVACT – Specifies whether an object can be updated while it is being saved.

If your system is in a restricted state and this parameter is specified, the save operation is performed as if ***NO** was specified.

Possible values:

*LIB	Objects in a library can be saved while they are in use by another job. All of the objects in a library reach a checkpoint together and are saved in a consistent state in relationship to each other. Note: libraries with thousands of objects may be too large for this option.
*NO	Objects that are in use are not saved. Objects cannot be updated while being saved.
*SYNCLIB	Objects in a library can be saved while they are in use by another job. All of the objects and all of the libraries in the save operation reach a checkpoint together and are saved in a consistent state in relationship to each other. Note: If you specify this value and you are saving many libraries, it can take a long time to reach a checkpoint for all of the objects and libraries in the save operation.
*SYSDFN	Objects in a library can be saved while they are in use by another job. Objects in a library may reach checkpoints at different times and may not be in a consistent state in relationship to each other. Note: Specifying this value eliminates some size restrictions and may enable a library to be saved that could not be saved with SAVACT(*LIB).

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Save active wait time

SAVACTWAIT – The amount of time to wait for a commit boundary or a lock on an object, if it is not available, before continuing the save.

If a lock is not obtained in the specified time, the object is not saved. If a commit boundary is not reached in the specified time, the save operation is ended.

Possible values:

*NOMAX	No maximum wait time exists.
120	The system waits 120 seconds for a commit boundary or an object lock before continuing the save operation.
wait-time	Specify the time (in seconds) to wait for a commit boundary or an object lock before continuing the save operation. Valid values range from 0 through 99 999.

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Save active message queue

SAVACTMSGQ – The message queue that the save operation uses to notify the user that the checkpoint processing for a library is complete.

A separate message is sent for each library to be saved when ***SYSDFN** or ***LIB** is specified on the Save active parameter. When ***SYNCLIB** is specified for Save active, one message is sent for all libraries in the save operation.

This parameter can be used to save the objects at a known, consistent boundary to avoid additional recovery procedures following a restore operation. Applications can be stopped until the checkpoint processing complete message is received.

Possible values:

*NONE	No notification message is sent.
*SYSVAL	
*WRKSTN	The notification message is sent to the workstation message queue. This value is not valid in batch mode.
message-queue-name	Specify the name of the message queue.

Possible Library values:

*CURLIB	The current library for the job is used to locate the message queue. If no library is specified as the current library for the job, the QGPL library is used.
*LIBL	All libraries in the job's library list are searched until the first match is found.
library-name	Specify the name of the library where the message queue is located.

Data compression

DTACPR – See "Save commands" in the "Shared Parameters" section. The default is ***SYSVAL**.

*SYSVAL	The value contained in the system parameter EXDTACPR will be substituted.
----------------	---------------------------------------------------------------------------

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Data compaction COMPACT – See “Save commands” in the “Shared Parameters” section.

Reorganize before copy REORG – Reorganize the log files to remove deleted records before copying to the save media. Specifying ***YES** will save both on-line and off-line storage space if many records have been deleted since the last reorganization; it will also increase the time needed for the command to execute.

If any program on the **Mapping** menu is being used or any translation job is currently running, these files may not be reorganized. If ***YES** was specified, the command will check for this condition before attempting to reorganize.

Possible values:

*NO	Do not reorganize before copying.
*YES	Reorganize before copying.

Update (Cleo) save history UPDHST – Cleo EEI includes history files which record each SAVCNNDTA operation both as an on-line save catalog and as a save history record against each connection which was saved. This parameter specifies whether this on-line information should be updated as a result of the present SAVCNNDTA command.

***YES** should be used for archival purposes. If the save is being performed for purposes of copying data to another system (as opposed to an archival save), it may be useful to specify ***NO**.

Possible values:

*NO	Do not update save history.
*YES	Update save history.

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Output

OUTPUT – Specifies whether a listing with information about the saved objects is created.

Possible values:

*NONE	No output listing is created.
*PRINT	The listing is printed with the job's spooled output.

Retrieve member size info

RTVMBSIZ – For each connection selected to be saved, retrieve the number of records and the data space in bytes into the save catalog files.

If many connections (thousands) are to be saved, operation of retrieving the member size information may take a long time. This data is purely informational – it is not needed to restore the connections. The save process will complete in less time if it is not retrieved.

Possible values:

*NO	Do not retrieve the size information for each member.
*UPDHST	Use the value (*YES or *NO) specified on the UPDHST parameter.
*YES	Retrieve and save the size information for each member.

SAVCS Save control scripts

The SAVCS command saves control scripts to a save file or a tape file. It may be used to transfer control scripts to another system.

Note: The **Send control scripts** command (SNDCS) sends control scripts to another system via SNADS.

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```

Save control scripts (SAVCS)

Type choices, press Enter.

Network ID code . . . . . NETID          _____
Control script name . . . . . SCRIPT      _____
Device . . . . . DEV                      _____
Volume identifier . . . . . VOL           +MOUNTED
Sequence number . . . . . SEQNBR         +END
Label . . . . . LABEL                    +LIB
File expiration date . . . . . EXPDATE    +PERM
End of tape option . . . . . ENDOPT       +REWIND
Save file . . . . . SAVF                  _____
Library . . . . .                          +LIBL
Create save file . . . . . CRTSAVF        +NO

Additional Parameters

Files library . . . . . LIB               +CURRENT
Target release . . . . . TGTRLS          +CURRENT
More...

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

```

```

Save control scripts (SAVCS)

Type choices, press Enter.

Clear . . . . . CLEAR                     +NONE
Data compression . . . . . DTACPR         +DEV

Bottom

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

```

Network ID code NETID – The network to be saved. ***ALL** may be used.

Control script name SCRIPT – The script to be saved. ***ALL** may be used.

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Device DEV – See “Save commands” in the “Shared Parameters” section.

Volume identifier VOL – See “Save commands” in the “Shared Parameters” section.

Sequence number SEQNBR – See “Save commands” in the “Shared Parameters” section.

Label LABEL – See “Save commands” in the “Shared Parameters” section.

File expiration date EXPDATE – See “Save commands” in the “Shared Parameters” section.

End of tape option ENDOPT – See “Save commands” in the “Shared Parameters” section.

Save file SAVF – See “Save commands” in the “Shared Parameters” section.

Create save file CRTSAVF – See “Save commands” in the “Shared Parameters” section.

Additional Parameters

Files library LIB – See “Save commands” in the “Shared Parameters” section.

Target release

TGTRLS – See “Save commands” in the

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“Shared Parameters” section.

Clear CLEAR – See “Save commands” in the “Shared Parameters” section.

Data compression DTACPR – See “Save commands” in the “Shared Parameters” section.

SAVCT Save code table(s)

The SAVCT command saves code tables to a save file or a tape file. It may be used to transfer code tables to another system.

Note: The **Send code tables** command (SNDCT) sends code tables to another system via SNADS.

```

Save code table(s) (SAVCT)
Type choices, press Enter.
Code table reference name . . . TABLE
Device . . . . . DEV
Volume identifier . . . . . VOL
Sequence number . . . . . SEQNBR
Label . . . . . LABEL
File expiration date . . . . . EXPDATE
End of tape option . . . . . ENDOPT
Save file . . . . . SAVF
Library . . . . .
Create save file . . . . . CRTSAVF

Additional Parameters
Files library . . . . . LIB
Target release . . . . . TGTALS
Clear . . . . . CLEAR

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

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```

                                Save code table(s) (SAVCT)

Type choices, press Enter.

Data compression . . . . . DTACPR      *SYSVAL
Data compaction  . . . . . COMPACT    *SYSVAL
Reorganize before copy . . . . . REORG *NO

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

Code table reference name TABLE - The code table to be saved. ***ALL** may be used.

Device DEV - See "Save commands" in the "Shared Parameters" section.

Volume identifier VOL - See "Save commands" in the "Shared Parameters" section.

Sequence number SEQNBR - See "Save commands" in the "Shared Parameters" section.

Label LABEL - See "Save commands" in the "Shared Parameters" section.

File expiration date EXPDATE - See "Save commands" in the "Shared Parameters" section. The default is ***SYSVAL**.

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*SYSVAL	The value contained in the system parameter EXEXPDATE will be substituted.
---------	----------------------------------------------------------------------------

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section. The default is *SYSVAL .
---------------------------	--------------------------------------------------------------------------------------------------

--	--

Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
------------------	----------------------------------------------------------------

Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
-------------------------	-------------------------------------------------------------------

Additional Parameters

Files library	LIB – See “Save commands” in the “Shared Parameters” section.
----------------------	---------------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Clear	CLEAR – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

Data compression	DTACPR – See “Save commands” in the “Shared Parameters” section. The default is *SYSVAL .
-------------------------	--------------------------------------------------------------------------------------------------

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Data compaction COMPACT – See “Save commands” in the “Shared Parameters” section.

Reorganize before copy REORG – See “Save commands” in the “Shared Parameters” section.

SAVFI Save formula ids

The SAVFI command saves formulas to a save file or a tape file. It may be used to transfer formulas to another system.

Note: The **Send formula ids** command (SNDFI) sends formulas to another system via SNADS.

```
Save formula ids (SAVFI)
Type choices, press Enter.
Formula ID . . . . . FORMLAID      _____
Device . . . . . DEV                _____
Volume identifier . . . . . VOL      #MOUNTED
Sequence number . . . . . SEQNBR    #END
Label . . . . . LABEL               #LIB
File expiration date . . . . . EXPDATE #PERM
End of tape option . . . . . ENDOPT  #REWIND
Save file . . . . . SAVF            _____
Library . . . . . LIB               #LIBL
Create save file . . . . . CRTSAVF   #NO

Additional Parameters
Files library . . . . . LIB         #CURRENT
Target release . . . . . TGTALS    #CURRENT
Clear . . . . . CLEAR              #NONE

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

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```

Save formula ids (SAVFI)

Type choices, press Enter.
Data compression . . . . . DTACPR      ±DEV

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

Bottom
```

Formula ID	FORMULAID – The formula to be saved. *ALL may be used.
Device	DEV – See “Save commands” in the “Shared Parameters” section.
Volume identifier	VOL – See “Save commands” in the “Shared Parameters” section.
Sequence number	SEQNBR – See “Save commands” in the “Shared Parameters” section.
Label	LABEL – See “Save commands” in the “Shared Parameters” section.
File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section.

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section.
Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
Additional Parameters	
Files library	LIB – See “Save commands” in the “Shared Parameters” section.
Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
Clear	CLEAR – See “Save commands” in the “Shared Parameters” section.
Data compression	DTACPR – See “Save commands” in the “Shared Parameters” section.

SAVFS Save application file set

The SAVFS command saves application file sets to a save file or a tape file. It may be used to transfer application file sets to another system.

Note: The **Send file sets** command (SNDFS) sends application file sets to other system via SNADS.

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Device	DEV – See “Save commands” in the “Shared Parameters” section. Multiple devices names and diskette devices are not supported for this command.
---------------	-----------------------------------------------------------------------------------------------------------------------------------------------

Volume identifier	VOL – See “Save commands” in the “Shared Parameters” section.
--------------------------	---------------------------------------------------------------

Sequence number	SEQNBR – See “Save commands” in the “Shared Parameters” section.
------------------------	------------------------------------------------------------------

Label	LABEL – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section.
-----------------------------	-------------------------------------------------------------------

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section.
---------------------------	------------------------------------------------------------------

Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
------------------	----------------------------------------------------------------

Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
-------------------------	-------------------------------------------------------------------

Additional Parameters

Files library	LIB – See “Save commands” in the “Shared Parameters” section.
----------------------	---------------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Clear CLEAR – See “Save commands” in the “Shared Parameters” section.

Data compression DTACPR – See “Save commands” in the “Shared Parameters” section.

Reorganize before copy REORG – See “Save commands” in the “Shared Parameters” section.

SAVMC Save message class data

The SAVMC command saves message classes to a save file or a tape file. It may be used to transfer message classes to another system.

Note: The **Send message class** command (SNDMC) sends message classes to another system via SNADS.

```

Save message class data (SAVMC)

Type choices, press Enter.

Message ID . . . . . MSGID          _____
Message class . . . . . MSGCLS       _____
Device . . . . . DEV                 _____
Volume identifier . . . . . VOL       +MOUNTED
Sequence number . . . . . SEQNBR     +END
Label . . . . . LABEL                +LIB
File expiration date . . . . . EXPDATE +PERM
End of tape option . . . . . ENDOPT   +REWIND
Save file . . . . . SAVF              _____
Library . . . . . LIB                 +LIBL
Create save file . . . . . CRTSAVF     +NO

Additional Parameters

Files library . . . . . LIB           +CURRENT
Target release . . . . . TGTALS       +CURRENT

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


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```

                                Save message class data (SAVMC)

Type choices, press Enter.

Clear . . . . . CLEAR          #NONE
Data compression . . . . . DTACPR #DEV
Reorganize before copy . . . . . REORG #NO

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

```

Message ID MSGID – The message ID of the message class to be saved. ***ALL** may be used.

Message class MSGCLS – The name of the message class mapping to be saved. ***ALL** may be used.

Device DEV – See “Save commands” in the “Shared Parameters” section. Multiple device names and diskette devices are not supported.

Volume identifier VOL – See “Save commands” in the “Shared Parameters” section.

Sequence number SEQNBR – See “Save commands” in the “Shared Parameters” section.

Label LABEL – See “Save commands” in the “Shared Parameters” section.

File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section.
-----------------------------	-------------------------------------------------------------------

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section.
---------------------------	------------------------------------------------------------------

Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
------------------	----------------------------------------------------------------

Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
-------------------------	-------------------------------------------------------------------

Additional Parameters

Files library	LIB – See “Save commands” in the “Shared Parameters” section.
----------------------	---------------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Clear	CLEAR – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

Data compression	DTACPR – See “Save commands” in the “Shared Parameters” section.
-------------------------	------------------------------------------------------------------

Reorganize before copy	REORG – See “Save commands” in the “Shared Parameters” section.
-------------------------------	-----------------------------------------------------------------

SAVNPS Save network files

The Save network files (SAVNPS) command allows you to save a network, including the ports and scripts.

```
                Save network files (SAVNPS)

Type choices, press Enter.

Network code . . . . . NWID          _____
Device . . . . . DEV                _____
Network port code . . . . . PORT     *ALL_____
Network control script . . . . . CTLSCPT *ALL_____

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

Bottom
```

Network Code NWID - The network ID of the network to be copied.

Possible values:

***ALL** Copy all network Id's.

Network Specific network ID to copy.

Device DEV - Specifies the name of the device used for the save operation. The device name must already be known on the system by a device description.

This is a required parameter.

You can enter multiple values for this parameter.

See "Save commands" in the "Shared Parameters" section. Multiple devices names and diskette devices are not supported.

Network port code PORT - The name of the port to be saved.

Possible values:

***ALL** Copy all ports for the network.

***NONE** Do not save any ports.

Port Save a specific port.

Network control script CTLSCPT - The name of the control script to be saved.

Possible values:

*ALL	Copy all control scripts for the network.
*NONE	Do not save any control scripts.
Port	Save a specific control script.

SAVSS Save file set sort specs

The Save file set sort spec (SAVSS) command allows you to save an application file set sort specification.

```
                Save file set sort spec (SAVSS)

Type choices, press Enter.

Application file set name . . . FSET      _____
Sort specification . . . . . SORTSPEC    _____
Device . . . . . DEV                    _____

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

Bottom
```

Applica- tion file set name FSET - Specifies the name of the application file set to be saved

This is a required parameter.

Sort spec. SORTSPEC - Specifies the name of the file set sort specification to be copied.

This is a required parameter.

Device DEV - Specifies the name of the device used for the save operation. The device name must already be known on the system by a device description.

This is a required parameter.

You can enter multiple values for this parameter.

See "Save commands" in the "Shared Parameters" section.

SAVTP **Save trading partner**

The SAVTP command saves trading partners to a save file or a tape file. It may be used to transfer trading partners to another system.

Note: The **Send trading partner** command (SNDTP) sends trading partners to another system via SNADS.

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```

Save trading partner (SAVTP)

Type choices, press Enter.

Trading partner code . . . . . TPCD          _____
Device . . . . . DEV                      _____
Save TP groups . . . . . SAVGRP            +YES
Save TP message classes . . . . . SAVTPMC   +YES
Volume identifier . . . . . VOL             +MOUNTED
Sequence number . . . . . SEQNBR          +END
Label . . . . . LABEL                     +LIB
File expiration date . . . . . EXPDATE     +PERM
End of tape option . . . . . ENDOPT       +REWIND
Save file . . . . . SAVF                   _____
  Library . . . . .                        +LIBL
Create save file . . . . . CRTSAVF         +NO

Additional Parameters

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

```

Save trading partner (SAVTP)

Type choices, press Enter.

Target release . . . . . TGTALS            +CURRENT
Clear . . . . . CLEAR                     +NONE
Data compression . . . . . DTACPR         +DEV

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

Trading partner code TPCD – The trading partner to be saved.
Possible values:

*ALLTP	Used to save the records from all trading partners. The value of *ALLTP is used (in place of the usual *ALL) since there is a special trading partner record with trading
---------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------

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		partner code *ALL.
	Trading partner code	Specific trading partner code to save. The value *ALL will save only the special trading partner designated as "*ALL". To actually save all trading partners, use *ALLTP.

Device DEV – See “Save commands” in the “Shared Parameters” section. Multiple devices names and diskette devices are not supported.

Save TP groups SAVGRP – Indicates whether trading partner group records will be saved. Possible values:

*NO	Specifies that the Trading partner groups are not to be saved.
*YES	Specifies that all Trading partner group records for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be saved.

Save TP message classes SAVTPMC – Indicates whether trading partner message class records will be saved. ***YES** is only valid if ***YES** is also specified for Save TP groups. Possible values:

*NO	Specifies that the Trading partner message class records are not to be saved.
*YES	Specifies that all Trading partner message class records for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be saved.

Volume identifier VOL – See “Save commands” in the “Shared Parameters” section.

Sequence number	SEQNBR – See “Save commands” in the “Shared Parameters” section.
------------------------	------------------------------------------------------------------

Label	LABEL – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

File expiration date	EXPDATE – See “Save commands” in the “Shared Parameters” section.
-----------------------------	-------------------------------------------------------------------

End of tape option	ENDOPT – See “Save commands” in the “Shared Parameters” section.
---------------------------	------------------------------------------------------------------

Save file	SAVF – See “Save commands” in the “Shared Parameters” section.
------------------	----------------------------------------------------------------

Create save file	CRTSAVF – See “Save commands” in the “Shared Parameters” section.
-------------------------	-------------------------------------------------------------------

Additional Parameters

Files library	EXTFILLIB – See “Save commands” in the “Shared Parameters” section.
----------------------	---------------------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Clear	CLEAR – See “Save commands” in the “Shared Parameters” section.
--------------	-----------------------------------------------------------------

Data compression DTACPR – See “Save commands” in the “Shared Parameters” section.

SAVTTP Save total trading partner

The Save total trading partner (SAVTTP) command saves a complete trading partner - including all message classes, file sets, files, formulas and code tables. This information can then be restored via the Restore total trading partner (RSTTTP) command.

```
Save total trading partner (SAVTTP)

Type choices, press Enter.

Trading partner code ..... Character value
Device ..... Character value, *SAVF
Volume identifier ..... *MOUNTED Character value, *MOUNTED
Sequence number ..... *END 1-9999, *END
Label ..... *LIB
File expiration date ..... *PERM Date, *PERM
End of tape option ..... *REWIND *REWIND, *LEAVE, *UNLOAD
Save file ..... Name
Library ..... *LIBL Name, *LIBL, *CURLIB
Create save file ..... *NO *NO, *YES

Additional Parameters

Files library ..... *CURRENT Name, *CURRENT
Target release ..... *CURRENT *CURRENT, *PRV, VxRxMx
Clear ..... *NONE *NONE, *ALL, *AFTER

More...

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



```
Save total trading partner (SAVTTP)

Type choices, press Enter.

Data compression ..... *DEV      *DEV, *NO, *YES
Data compaction ..... *DEV      *DEV, *NO

Bottom

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

Trading partner code TPCD The identifier of the trading partner to be restored.

Device DEV - See "Save commands" in the "Shared Parameters" section. Multiple devices names and diskette devices are not supported.

Volume identifier VOL - See "Save commands" in the "Shared Parameters" section.

Sequence number SEQNBR - See "Save commands" in the "Shared Parameters" section.

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Label LABEL – See “Save commands” in the “Shared Parameters” section.

End of tape option ENDOPT – See “Save commands” in the “Shared Parameters” section.

Save file SAVF – See “Save commands” in the “Shared Parameters” section.

Create Save file CRTSAVF – See “Save commands” in the “Shared Parameters” section.

File Expiration Date EXPDATE – See “Save commands” in the “Shared Parameters” section.

Additional Parameters

Files library LIB – See “Save commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Clear CLEAR – See “Save commands” in the “Shared Parameters” section.

SNDCM Send Conversion Map

The SNDCM command sends conversion maps to another system, where they may be received with the RCVCM command.

```

Send conversion map (SNDCM)

Type choices, press Enter.

Conversion map name . . . . . CNVRSN      _____
User Identifier:      TOUSRID
User ID . . . . .          +SYSVAL
Address . . . . .          _____

Additional Parameters

Line description name . . . . . LIND      +NONE
Target release . . . . . TGTRLS      +CURRENT
Files library . . . . . LIB          +CURRENT

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

Conversion map name CNVRSN – The conversion map to be sent. ***ALL** may be used.

User identifier TOUSRID – See “Send commands” in the “Shared Parameters” section.

Additional Parameters

Line description name LIND – See “Send commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Files library LIB – See “Send commands” in the “Shared Parameters” section.

- SNDCN** **Send connection data and logs**
- SNDCNNDTA** **Send connection data and logs**

The SNDCN command sends connections to another system, where they may be received with the RCVCN command.

The SNDCNNDTA command submits SNDCN to batch.

```

Send connection data and logs (SNDCNNDTA)

Type choices, press Enter.

Connection log number . . . . . CNNLOGNBR      _____
User Identifier:      TOUSRID                    _____
  User ID . . . . .                               #SYSVAL
  Address . . . . .                               _____

                        Additional Parameters

Line description name . . . . . LIND             #NONE
Target release . . . . . TGTALS                 #CURRENT
Files library . . . . . LIB                     #CURRENT
Reorganize before copy . . . . . REORG          #NO

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

Connection log number CNNLOGNBR – The connection to send. ***ALL** may be used.

User identifier TOUSRID – See “Send commands” in the “Shared Parameters” section.

Additional Parameters

Line description name LIND – See “Send commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Files library LIB – See “Send commands” in the “Shared Parameters” section.

Reorganize before copy REORG – Possible values:

*NO	Do not reorganize connection data files.
*YES	Reorganize the connection data files before saving and sending a connection (to eliminate saving and sending deleted records).

SNDCS Send control scripts

The SNDCS command sends control scripts to another system, where they may be received with the RCVCS command.

```

Send control scripts (SNDCS)

Type choices, press Enter.

Network ID code . . . . . NETID      #ALL_____
Control script name . . . . . SCRIPT  #ALL_____
User Identifier:   TOUSRID
  User ID . . . . .                #SYSVAL____
  Address . . . . .                _____

Additional Parameters

Line description name . . . . . LIND   #NONE_____
Target release . . . . . TGTRLS      #CURRENT____
Files library . . . . . LIB           #CURRENT____

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

Network ID code	NETID – The network to be sent. The default is *ALL .
------------------------	--------------------------------------------------------------

Control script name	SCRIPT – The script to be sent. The default is *ALL .
----------------------------	--------------------------------------------------------------

User Identifier	TOUSRID – See “Send commands” in the “Shared Parameters” section.
------------------------	-------------------------------------------------------------------

Additional Parameters

Line description name	LIND – See “Send commands” in the “Shared Param section.”
------------------------------	-----------------------------------------------------------

Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
-----------------------	------------------------------------------------------------------

Files library	LIB – See “Send commands” in the “Shared Parame section.”
----------------------	-----------------------------------------------------------

SNDCT Send code tables

The SNDCT command sends code tables to another system, where they may be received with the RCVCT command.

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```
Send code tables (SNDCT)

Type choices, press Enter.

Code table reference name . . . TABLE
User Identifier:          TOUSRID
User ID . . . . . #SYSVAL
Address . . . . .

Additional Parameters

Line description name . . . . . LIND
Target release . . . . . TGTRLS
Files library . . . . . LIB

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

Code table reference name TABLE – The code table to be sent. ***ALL** may be used.

User identifier TOUSRID – See “Send commands” in the “Shared Parameters” section.

Additional Parameters

Line description name LIND – See “Send commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Files library LIB – See “Send commands” in the “Shared Parameters” section.

SNDFI Send formula ids

The SNDFI command sends formulas to another system, where they may be received with the RCVFI command.

```

Send formula ids (SNDFI)

Type choices, press Enter.

Formula ID . . . . . FORMULAID      _____
User Identifier:      TOUSRID
  User ID . . . . .                +SYSVAL
  Address . . . . .

Additional Parameters

Line description name . . . . . LIND      +NONE
Target release . . . . . TGTRLS      +CURRENT
Files library . . . . . LIB          +CURRENT

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

Formula ID FORMULAID – The ID of the formula to be se
be used.

User Identifier TOUSRID – See “Send commands” in the “Shar
Parameters” section.

Additional Parameters

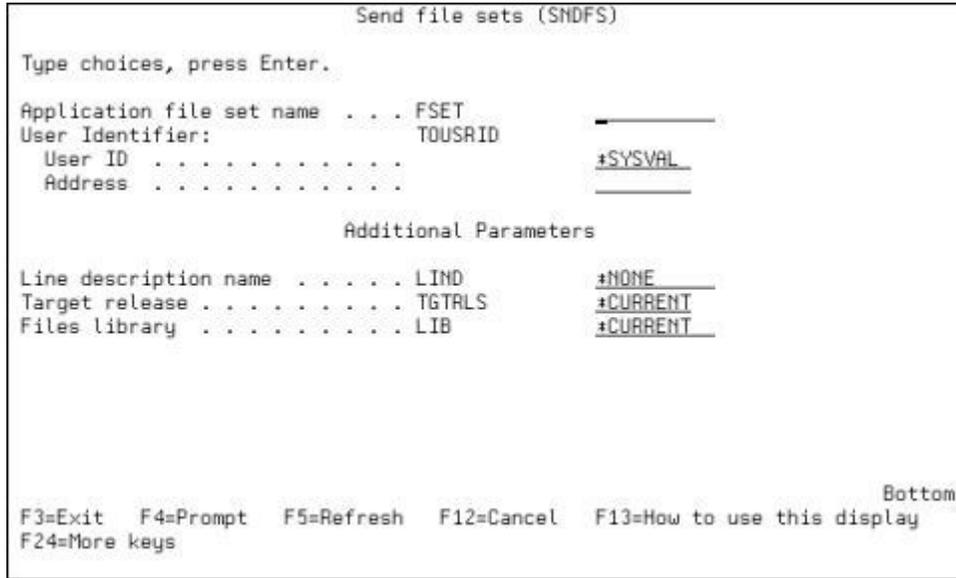
Line description name LIND – See “Send commands” in the “Shared Param
section.

Target release TGTRLS – See “Save commands” in the “Shared
Parameters” section.

Files library LIB – See “Send commands” in the “Shared Parame
section.

SNDFS Send file sets

The SNDFS command sends file sets to another system, where they may be received with the RCVFS command.



Application file set FSET – The application file set to be sent.
 *ALL may be used.

User identifier TOUSRID – See “Send commands” in the “Shared Parameters” section.

Additional Parameters

Line description name LIND – See “Send commands” in the “Shared Parameters” section.

Target release TGTRLS – See “Save commands” in the “Shared Parameters” section.

Files library LIB – See “Send commands” in the “Shared Parameters” section.

SNDMBRWRNE Send Max Mbr Warning Msg eNote

The SNDMBRWRNE command is used to send an e-mail message when the number of

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members in a file is greater than or equal to 90% of the value entered in the first five positions in data area EXTMRBWRN.

Data area EXTMRBWRN must contain the maximum members allowed in positions 1 through 5. Positions 6 through 8 should contain PGM as an indication that the message is to be returned to this program so that it may be further passed via email using EXENOTE.

File Name (PFILE)	The name of the physical file to be checked for percentage of maximum members.
Email to address (TOADR)	The e-mail address of the recipient in the form mailbox@company.org type
Email to name (TONAME)	The name of the recipient of the email.
Email from address (FROMADR)	The e-mail address of the sender in the form mailbox@company.org type
Email from name (FROMNAME)	The name of the sender of the email.

SNDMC **Send message class**

The SNDMC command sends message classes to another system, where they may be received with the RCVMC command.

```

Send message class (SNDMC)

Type choices, press Enter.

Message ID . . . . . MSGID      _____
Message class . . . . . MSGCLS   _____
User Identifier:      TOUSRID
  User ID . . . . .           #SYSVAL
  Address . . . . .           _____

Additional Parameters

Line description name . . . . . LIND      #NONE
Target release . . . . . TGTRLS        #CURRENT
Files library . . . . . LIB            #CURRENT

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

Message ID	MSGID – *ALL may be used.
Message class	MSGCLS – *ALL may be used.
User identifier	TOUSRID – See “Send commands” in the “Shared Parameters” section
Additional Parameters	
Line description name	LIND – See “Send commands” in the “Shared Parameters” section.
Target release	TGTRLS – See “Save commands” in the “Shared Parameters” section.
Files library	LIB – See “Send commands” in the “Shared Parameters” section.

SNDTP Send trading partner

The SNDTP command sends trading partners (and, optionally, associated trading partner group and trading partner message class records) to another system, where they may be received with the RCVTP command.

```

Send trading partner (SNDTP)
Type choices, press Enter.
Trading partner code . . . . . TPCD
Send TP groups . . . . . SAVGRP      +YES
Send TP message classes . . . . . SAVTPMC  +YES
User Identifier:
  User ID . . . . . TOUSRID          +SYSVAL
  Address . . . . .
Additional Parameters
Line description name . . . . . LIND      +NONE
Target release . . . . . TGTRLS        +CURRENT
Files library . . . . . LIB            +CURRENT

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

Trading partner code	TPCD – The trading partner to be send.
-----------------------------	----------------------------------------

Possible values:

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	*ALLTP	Used to send the records from all trading partners. The value of *ALLTP is used (in place of the usual *ALL) since there is a special trading partner record with trading partner code *ALL.
	trading-partner-code	Specific trading partner code to send. The value *ALL will send only the special trading partner designated as "*ALL". To actually save all trading partners, use *ALLTP.

Send TP groups SAVGRP – Indicates whether trading partner group records will be sent.

Possible values:

*NO	Do not send trading partner groups.
*YES	Specifies that all Trading partner group records for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be sent.

Send TP message classes SAVTPMC – Indicates whether trading partner message class records will be sent.

***YES** is only valid if ***YES** is also specified for Send TP groups.

Possible values:

*NO	Do not send TP message classes.
*YES	Specifies that all Trading partner message class records for the trading partner(s) specified in the Trading partner code (TPCD) parameter will be sent.

User identifier TOUSRID – See "Send commands" in the "Shared Parameters" section.

Additional Parameters

Line description name LIND – See "Send commands" in the "Shared Parameters" section.

Target release TGTRLS – See "Save commands" in the "Shared Parameters" section.

Files library LIB – See "Send commands" in the "Shared Parameters" section.

STRCNNSND Start connections to send

The STRCNNSND command sends previously created connections to the appropriate networks.

Note: A list of error messages issued by the STRCNNSND(B) command that can be monitored appears in the “Error Messages” section of this manual.

```

Start connections to send (STRCNNSND)

Type choices, press Enter.

Send to Network(s) . . . . . *ALL
Select by Network port code . . *ALL Character value, *ALL
Select by Control script . . . . *ALL Character value, *ALL
Resend errors . . . . . *NO *NO, *YES

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

Send to Network(s) NETSND - Specifies whether any connections created but not sent should be placed onto the communications job queue to be sent to the networks.

Possible values:

*ALL	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the network(s).
Network ID	All connections which have been created but not sent should be placed onto the communications job queue to be sent to the specific network.

Select by Network port code

NETPSLT – This parameter only applies to the *create envelope*, *wrap for network*, and *send to network* steps of the outgoing process.

The default is ***ALL**.

Select by Control script code

SCRIPTSLT – This parameter only applies to the *create envelope*, *wrap for network*, and *send to network* steps of the outgoing process. The default is ***ALL**.

Resend Errors

Allows you to include send errors when wrapping and sending current generated data or sending current wrapped data.

The default is ***NO**.

STRCTLSCR Start control script to call STRCTLSCR(B)

Start control script to call (batch)

STRCTLSCRJ Start control script to call (submit to jobq)

The STRCTLSCR command starts a communications session based on a network and script.

```

Start control script to call (STRCTLSCR)
Type choices, press Enter.
Network port code . . . . . NETPORT      _____
Control script name . . . . . SCRIPT      _____
Script parameter string . . . . . SCRIPTPARM _____
-----
Network ID code . . . . . NETID           _____
Telephone number for log . . . . . TELNBR  _____
Connection number (dial cmd) . . . . . CNNNBR  _____
Line description name . . . . . LIND        _____
Controller description name . . . . . CTLD     _____
Device description name . . . . . DEVD       _____
Connection log number . . . . . CNNLOGNBR    #GEN_____
Send to program message queue: TOPGMQ
Relationship . . . . . #EXT_____
Program . . . . . #_____
Send to non-pgm message queue . TOMSGQ     #GEN_____
Library . . . . . _____
More...
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
    
```

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```

Start control script to call (STRCTLSCA)

Type choices, press Enter.

Default message type . . . . . DFTMSGTYPE      ±STATUS
LR control on return . . . . . CTLLR           ±LR

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

```

Network port code NETPORT – An identifier for a set of communications parameters. Communications parameters are kept in a separate “Network port” file, which allows multiple communication channels to be used with the same network.

Control script name SCRIPT – A code that uniquely identifies a particular control script for a network.

Script parameter string SCRIPTPARM – A runtime value used by the script named in the Control script name parameter.

Network ID code NETID – An internal code which uniquely identifies a public or private network.

Telephone number for log TELNBR – The telephone number used to access this network port.

Connection number (dial cmd) C>NNNR – The actual string of characters sent to the modem to initiate a call to a network or trading partner. This string includes the modem control characters, as well as the telephone number to be called.

Line description name LIND – The line description specified for this network port.

If the Network ID code begins with asterisk (for example, ***FILE**), then the line description is

replaced by the appropriate parameter of the network port (for example, the library name).

Possible values:

*LIBL	Used to locate a file when network is a special value.
*NONE	No line description is used.
line description/ library name	The name of the line description specified for this network port or the library name when network is a special value.

Controller description name CTLD – The controller description specified for this network port.

If the Network ID code begins with asterisk (for example, ***FILE**), then the controller description is replaced by the appropriate parameter of the network port (for example, file name).

Device description name DEVD – The device description specified for this network port.

If the Network ID code begins with asterisk (for example, ***FILE**), then the device description is replaced by the appropriate parameter of the network port (for example, member name).

Possible values:

*FIRST	The first file member name for a special network value.
*NONE	No device is used.
device description name/member name	Device used for communication session or file member name for a special network value.

Connection log number CNNLOGNBR – This field is a key to the *Log of Connection* file that contains details on each connection. A connection is any communications session with a public or private network.

Possible values:

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*GEN	The software will generate a log number for incoming data.
connection log number	The log number used to identify outgoing data.

Send to program message queue TOPGMQ – The call message queue to which the specified message is being sent.

Two values can be used to specify the message queue to which a message is sent. The first value (Relationship) specifies whether the message queue is associated with the program or procedure identified by the second value (Program), or if it is associated with the caller of the program or procedure.

Possible Relationship values:

*EXT	The external message queue of the job is the queue to which the message is sent.
*PRV	The message is sent to the message queue of the program or procedure that called the program or procedure identified by the second value. However, if the message queue immediately previous to the one identified by the Program or Qualified Procedures values is for an Integrated Language Environment (ILE) program entry procedure (PEP), the message is sent to the message queue that precedes the PEP message queue in the stack.
*SAME	The message is sent to the message queue of the program or procedure identified by the second value.

The Program value has three items: item 1 specifies the program or procedure of the job message queue; items 2 and 3 specify the module name and the bound program name, respectively, which can be used to qualify the procedure name.

Possible Program values:

*	Identifies the program running this command.
program name	Specify the name of the program or procedure used.

Send to non-pgm TOMSGQ – One or more non-program message queues

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message queue to which the message is sent by the program.

Possible values:

*GEN	Internally generated name will be used.
message queue name	Specify the names and libraries of the message queues to which the message is to be sent.

Possible Library values:

*LIBL	All libraries in the job's library list are searched until the first match is found.
*CURLIB	The current library for the job is used to locate the message queue. If no current library entry exists in the library list, QGPL is used.
library name	Specify the library where the message queue is located.

Default message type DFTMSGTYPE – Message type to use.

Possible values:

*COMP	A completion message indicates the status of the work that is successfully performed.
*DIAG	Diagnostic messages provide information about errors detected by this program.
*ESCAPE	An escape message describes an irrecoverable error condition. The sending program does not continue to run.
*INFO	The message is sent as an informational message.
*NOTIFY	A notify message describes a condition for which corrective action must be taken before the sending program can continue. A reply message is sent back to the sending program.
*STATUS	The status message describes the status of work performed by the sending program.

LR control on return CTLR – How to handle program resources when ending.

Possible values:

*LR	Reclaim all resources.
*LRLOG	Reclaim all resources, perform logging.
*LRONLY	Reclaim all resources.
*NLR	Do not reclaim resources.

STRRCVTRN Start script; translate all

The STRRCVTRN command calls the specified network using the specified network port and specified control script. After the call is completed, the data received will be analyzed and a job will be submitted to translate any documents identified. This command will also optionally submit a job that will call a specified user program after the translation job on the same job queue as the translation job. The call to this user program may be made conditional upon data being received during the network session, or upon the occurrence of data identified for translation.

Note: A list of error messages issued by the STRRCVTRN(B) command that can be monitored appears in the “Error Messages” section of this manual.

```

Start script; translate all (STRRCVTRN)

Type choices, press Enter.

Network port code . . . . . NETPORT      _____
Control script name . . . . . SCRIPT      _____
Script parameter string . . . . . SCRIPTPARAM _____

-
Network ID code . . . . . NETID          _____
Telephone number for log . . . . . TELNBR _____
Connection number (dial cmd) . . . . . CNLNBR _____
Line description name . . . . . LIND      _____
Controller description name . . . . . CTLD _____
Device description name . . . . . DEVD    _____
Connection log number . . . . . CNNLOGNBR #GEN _____
Send to program message queue: TOPGMQ
  Relationship . . . . . #EXT
  Program . . . . . #
Send to non-pgm message queue . TOMSGQ   #GEN _____
Library . . . . . _____

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

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```

Start script; translate all (STRRCVTRN)

Type choices, press Enter.

Default message type . . . . . DFTMSGTYPE      #STATUS
LR control on return . . . . . CTLR           #LR
Call program . . . . . PGM                   #NONE
Library . . . . .
Job description for submit . . . . . JOBID     #TRNJOB
Library . . . . .
Call program on condition . . . . . SBMCND    #TRN

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

```

Network port code NETPORT – The network to be used for this call.

Control script name SCRIPT – The control script to be used for this call.

Script parameter string SCRIPTPARM – Specifies any optional parameter string to be used with the specified control script. This is a provision for additional features which will be added to the control script process. For now, a single blank is required.

Network ID code NETID – The network to be used for this call.

Telephone number for log TELNBR – Specifies the telephone number to be placed in the log records of this call. This parameter defaults to the telephone number contained in the specified network port.

Connection number {dial command} CNNNBR – The actual string of characters sent to the modem to initiate a call to a network or trading partner. This string includes the modem control characters, as well as the telephone number to be called.

Line description name LIND – The communications line description to be used for this call. This parameter defaults to the line description contained in the specified network port.

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Controller description name

CTLD - The controller description specified for this network port.

If the Network ID code begins with asterisk (for example, ***FILE**), then the controller description is replaced by the appropriate parameter of the network port (for example, file name).

Device description name

DEVD - The communications device description to be used for this call. This parameter defaults to the device description contained in the specified network port.

Connection log number

CNNLOGNBR - This field is a key to the *Log of Connection* file that contains details on each connection. A connection is any communications session with a public or private network.

Possible values:

*GEN	The software will generate a log number for incoming data.
connection log number	The log number used to identify outgoing data.

Send to program message queue

TOPGMQ – The program message queue to which the specified message is being sent. The named program message queue must be the queue of a program that is called and is currently in the program stack of the job.

A list of two values is used to specify the program message queue to which the message is being sent. One of the following values can be specified for the first value:

*EXT	The external message queue of the job is the queue to which the message is sent.
*PRV	The program message queue of the program called before the specified call (that is, the caller of the program) is the queue to which the message is sent.
*SAME	The program message queue of the same program specified in the second value is the queue to which the message is sent.

One of the following values can be specified for the second value:

*	The message is sent to the program message queue of the sending program.
program name	Specify a program name. The message is sent to the message queue of the most recent call of the named program. (The name of the program message queue is the same as the name of its corresponding program.)

Send to non-pgm message queue

TOMSGQ – One or more non-program message queues to which the message is sent by the program.

Possible values:

*GEN	Internally generated name will be used.
message queue name	Specify the names and libraries of the message queues to which the message is to be sent.

If ***GEN** is not specified for the message queue name, possible Library values:

*LIBL	All libraries in the job's library list are searched until the first match is found.
*CURLIB	The current library for the job is used to locate the message queue. If no current library entry exists in the library list, QGPL is used.
library name	Specify the library where the message queue is located.

Default message type

DFTMSGTYPE – Specifies which message type is assigned to this message when it is sent by this program. Completion, diagnostic, escape, notify, and status messages should be sent only to program message queues.

Possible values:

*COMP	The message is sent as a completion message.
*DIAG	The message is sent as a diagnostic message.
*ESCAPE	The message is sent as an escape message.
*INFO	The message is sent as an informational message.
*NOTIFY	The message is sent as a notify message.
*STATUS	The message is sent as a status message.

LR control on return CTL LR – Specifies whether or not LR is set on after the communications program completes. This parameter defaults to ***LR**, which sets LR on. The other values are only used while debugging communications problems with assistance from Cleo.

Possible values:

*LR	The last record indicator is set on upon job completion.
*LRLOG	The last record indicator is set on, and communications log records are written for each access of the communications file.
*LRONLY	The communications program runs in a special mode which just sets on LR, in order to close down the program from a prior run with LR not set on.
*NLR	The last record indicator is not set on upon job completion.

Call program PGM – The user program (with library name) to be called if the condition specified by the Call program on condition parameter is satisfied.

Possible values:

*NONE	No user program is to be called.
program name	The name of the user program to be called.

Possible Library values:

*LIBL	The job library list is used to find the user program.
library name	The name of the library in which the user program is found.

Job description for submit JOBD – The job description and library containing the job description under which the user program is run.

Possible values:

*TRNJOB	The Cleo translation job description is used to run the user job.
job description name	The name of the job description under which the user job is to be run.

Possible Library values:

*LIBL	The library list is used to find the job description.
Library name	The name of the library containing the specified job description.

Call program on condition SBMCND – The conditions under which the call to the program specified in parameter Call program parameter is executed.

Possible values:

*ALL	The program specified is always called whenever this command is executed.
*RCV	The program specified is called whenever any data is received in the connection created by executing this command.
*TRN	The program specified is called after all data received in the connection created by executing this command has been translated.

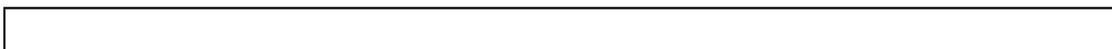
STRTRNCNN Start translate of connections

The STRTRNCNN command searches for *Log of Connection* records which are eligible for incoming translation (a status of **Unwrapped** or **Mixed** with at least one message **Unwrapped**). It marks successfully identified data for translation, translate, and (optionally) run or submit a user program.

Note: This command may be called from a command line.

If it is called interactively, it will re-submit itself to batch using the job description named in the EXTRNJOB data area.

Note: A list of error messages issued by the STRTRNCNN(B) command that can be monitored appears in the “Error Messages” section of this manual.



```

Start translate of connections (STRTRNCNH)

Type choices, press Enter.

Start of connection period:      PERIOD
  Start time and date:
  Beginning time . . . . .      #AVAIL
  Beginning date . . . . .      #CURRENT
  End time and date:
  Ending time . . . . .         #AVAIL
  Ending date . . . . .         #CURRENT
Select by Connection status . . . FSTS      #BOTH
Select by Network code . . . . . NETSLT     #ALL
Select by Network port code . . . NETPSLT   #ALL
Select by Control script . . . . SCRIPTSLT  #ALL
Call program . . . . . PGM                 #NONE
  Library . . . . .
Job description for submit . . . . JOB      #TRNJOB
  Library . . . . .
Call program on condition . . . . SBMCND    #TRN
                                                    Bottom
F3=Exit  F4=Prompt  F5=Refresh  F12=Cancel  F13=How to use this display
F24=More keys
    
```

Start of connection period PERIOD – The beginning and ending time and date.

- The default ***CURRENT** for both Beginning date and Ending date selects all items for the current day.
- ***BEGIN** for Beginning date indicates items since the earliest date.
- ***END** for Ending date indicates items through the latest date.
- ***AVAIL** for both Beginning time and Ending time includes any time within the specified dates.

Select by Connection status FSTS – Allows a selection of connections to be made by **Functional** status of the connection.

Possible values:

*BOTH	Both Unwrapped and Mixed connections will be processed.
*MIXED	Connections marked Mixed will be processed.
*UNWRAPPED	Only fully Unwrapped connections will be

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Select by Network code	NETSLT – Allows a selection of connections to be made by network ID. *ALL may be used.								
Select by Network port code	NETPSLT – Allows a selection of connections to be made by network port. *ALL may be used.								
Select by Control script code	SCRIPTSLT – Allows a selection of connections to be made by control script. *ALL may be used.								
Call program	<p>PGM – The user program (with library name) to be called if the condition specified by the <u>Call program on condition</u> parameter is satisfied.</p> <p>Possible values:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">*NONE</td> <td>No user program is to be called.</td> </tr> <tr> <td>program name</td> <td>The name of the user program to be called.</td> </tr> </table> <p>Possible <u>Library</u> values:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">*LIBL</td> <td>The job library list is used to find the user program.</td> </tr> <tr> <td>library name</td> <td>The name of the library in which the user program is found.</td> </tr> </table>	*NONE	No user program is to be called.	program name	The name of the user program to be called.	*LIBL	The job library list is used to find the user program.	library name	The name of the library in which the user program is found.
*NONE	No user program is to be called.								
program name	The name of the user program to be called.								
*LIBL	The job library list is used to find the user program.								
library name	The name of the library in which the user program is found.								
Job description for submit	<p>JOB – The job description and library containing the job description under which the user program is run.</p> <p>Possible values:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%; text-align: center;">*NOSUBMIT</td> <td>The user program specified in the PGM parameter is called directly rather than submitted using a job description.</td> </tr> <tr> <td style="text-align: center;">*TRNJOB</td> <td>The Cleo translation job description is used to run the user job.</td> </tr> <tr> <td>job description name</td> <td>The name of the job description under</td> </tr> </table>	*NOSUBMIT	The user program specified in the PGM parameter is called directly rather than submitted using a job description.	*TRNJOB	The Cleo translation job description is used to run the user job.	job description name	The name of the job description under		
*NOSUBMIT	The user program specified in the PGM parameter is called directly rather than submitted using a job description.								
*TRNJOB	The Cleo translation job description is used to run the user job.								
job description name	The name of the job description under								

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	which the user job is to be run.
--	----------------------------------

Possible Library values:

*LIBL	The library list is used to find the job description.
Library name	The name of the library containing the specified job description.

Call program on condition

SBMCND – The conditions under which the call to the program specified in parameter Call program parameter is executed.

Possible values:

*ALL	The program specified is always called whenever this command is executed.
*TRN	The program specified is called after all data received in the connection created by executing this command has been translated.

STRTRNMSG Start translate of messages

The STRTRNMSG command searches for *Log of Message* records which are eligible for incoming translation (a status of **Unwrapped** or **Trans err**). It marks successfully identified data for translation, calls user exit point (if requested), and then submits jobs for translation.

How the message is marked is determined by the processing option as found in the **Work with trading partners message class options** panel.

Note: This command may be called from a command line.

If it is called interactively, it will re-submit itself to batch using the job description named in the EXTRNJOB data area.

```

Start translate of messages (STARTRMSG)

Type choices, press Enter.

Start of message period:      PERIOD
Start time and date:
Beginning time . . . . .      +AVAIL
Beginning date . . . . .      +CURRENT
End time and date:
Ending time . . . . .         +AVAIL
Ending date . . . . .         +CURRENT
Select by message status . . . FSTS      +BOTH
Select by Network code . . . . NETSLT    +ALL
Select by Control script . . . . SCRIPTSLT +ALL
Execute exit point . . . . . EXITPOINT  +YES
Schedule for translate msgq . . MSGQ     +SYSVAL

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

Start of message period

PERIOD - The beginning and ending time and date.

- The default ***CURRENT** for both Beginning date and Ending date selects all items for the current day.
- ***BEGIN** for Beginning date indicates items since the earliest date.
- ***END** for Ending date indicates items through the latest date.
- ***AVAIL** for both Beginning time and Ending time includes any time within the specified dates.

Select by message status

FSTS - Allows a selection of messages to be made by **Functional** status of the message.

Possible values:

*BOTH	Both Unwrapped and Trans Err messages will be processed.
*TRANSERR	Messages marked Trans Err will be processed.
*UNWRAPPED	Only fully Unwrapped messages will be processed.

Select by Network

NETSLT - Allows a selection of messages to be made by network ID. The default is ***ALL**.

code

Select by Control script code SCRIPTSLT – Allows a selection of messages to be made by control script. The default is ***ALL**.

Execute exit point EXITPOINT – Specifies whether exit point **ST** (Schedule for translate) is to be executed.

Possible values:

*NO	Exit point will not be executed.
*YES	Exit point will be executed.

Schedule for translate msgq MSGQ – Specifies where messages that occur during the scheduling for translation should be sent.

Possible values:

*SYSVAL	Default message queue will be used. Message queue name can be found in data area EXTRANSCHD .
Message queue name	User specified message queue name.

U

UPDACKSTS Update Ack Sts (Pending/Late)

The UPDACKSTS command modifies the acknowledgment status of outbound documents that have not received an acknowledgement and are expecting one.

The status will be changed to pending or late, based on the Hours ack value specified in the trading partners message class options. This command has no parameters.

```
Update Ack Sts (Pending/Late) (UPDACKSTS)

F3=Exit  F5=Refresh  F12=Cancel  F13=How to use this display  F24=More keys
Function key not allowed. +
```

Shared Parameters

APIs that perform similar functions for different types of data share many common options. These shared parameters are listed for each command on which they appear with a note referring you to this section. Any variations from these general descriptions unique to each API are noted following that reference.

Note: For each command type in this section, the parameters appear in KEYWORD alphabetical order.

<u>Print</u>	<u>Select by direction code</u>
	<u>End at trading partner</u>
	<u>Time period for report</u>
	<u>Start at trading partner</u>
	<u>Report title</u>
<u>Receive</u>	<u>File number</u>
	<u>Option</u>
	<u>Restore to files library</u>
	<u>Sent to user ID</u>
<u>Restore</u>	<u>Device</u>
	<u>End of tape option</u>
	<u>Label</u>
	<u>Option</u>
	<u>Restore to library</u>
	<u>Save file</u>
	<u>Sequence number</u>
	<u>Volume identifier</u>
<u>Save</u>	<u>Clear</u>

Data compaction

Create save file

Device

Data compression

End of tape option

File expiration date

Label

Files library

Reorganize before copy

Save file

Sequence number

Target release

Volume identifier

Send

Files library

Line description name

User identifier

Print

These parameters are common to most APIs that produce reports.

DIRSLT – The direction of the connection.

Possible values:

**Select by direction
code**

*BOTH	Show groups that were sent or received.
*RECEIVE	Show groups that were received.
*SEND	Show groups that were sent.

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	R	Show groups that were received.	
	S	Show groups that were sent.	

ENDTP – The trading partner with which selection is to be ended.

End at trading partner

Possible values:

	*LAST	Produces a listing ending with the last (alphabetically) trading partner which meets the other selection criteria.
Trading partner		End selection with this trading partner.

PERIOD – The beginning and ending time and date.

Time period for report

- The default ***CURRENT** for both Beginning date and Ending date selects all items for the current day.
- ***BEGIN** for Beginning date indicates items since the earliest date.
- ***END** for Ending date indicates items through the latest date.
- ***AVAIL** for both Beginning time and Ending time includes any time within the specified dates.

STRTP – The trading partner with which selection is to be started.

Start at trading partner

Possible values:

	*FIRST	Produces a listing starting with the first (alphabetically) trading partner which meets the other selection criteria.
Trading partner		Start selection with this trading partner.

TITLE – Controls the secondary report title.

Report title

The default ***GEN** causes text to be built from other command parameters. The ***GEN** string may be customized by modifying message UEX0496 in message file EXTMSGF.

Receive

These parameters are common to most APIs that receive data.

File number NBR – The number of the file member to be received.

Possible values:

*LAST	Specifies the last file sent to the specified user on your system with the companion send command. If more than one file has been sent with the send command without being received with this receive command, running this receive command multiple times will process one file each time, in reverse order to which they were received.
file-number	Use the WRKNETF command to determine the file number of the file to be received and place that number in this parameter.

Option OPTION – Specifies how to handle restoring objects.

Possible values:

*ALL	All records in the saved object are restored to the specified library. Records in the saved object replace those in the specified library. Records not in the specified library are added. Records in the specified library but not in the saved object remain in the specified library.
*NEW	Records that do not exist in the specified library are restored.
*OLD	Only records that exist in the specified library are restored.

Restore to files library RSTLIB – The library into which records are to be received.

Possible values:

*CURRENT	The library name found in the Cleo system value EXTFILLIB will be used.
files-library-name	If the records are to be restored to an Cleo files library other than the standard Cleo files library, enter that library name.

Sent to user ID USER – The user to whom the file was sent.

Possible values:

*CURRENT	Files sent to the current user are received.
-----------------	----------------------------------------------

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user-name	Specify the name of the user to whom the files were sent. Only users with security officer authority can specify a name other than their own or their group profile.
------------------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------

Restore

These parameters are common to most APIs that restore saved data.

Device	<p>DEV – The device to be used for the restore operation.</p> <p>Possible values:</p> <table border="1"> <tr> <td>*SAVF</td> <td>The restore operation is to be done using the save file specified by the save file prompt (SAVF parameter).</td> </tr> <tr> <td>device-name</td> <td>The specific device name where the saved data resides.</td> </tr> </table>	*SAVF	The restore operation is to be done using the save file specified by the save file prompt (SAVF parameter).	device-name	The specific device name where the saved data resides.
*SAVF	The restore operation is to be done using the save file specified by the save file prompt (SAVF parameter).				
device-name	The specific device name where the saved data resides.				

End of tape option	<p>ENDOPT – The positioning operation to be performed on the tape volume after the save is complete.</p> <p>Possible values:</p> <table border="1"> <tr> <td>*LEAVE</td> <td>Tape is left in its current position.</td> </tr> <tr> <td>*REWIND</td> <td>Tape is rewound, but not unloaded.</td> </tr> <tr> <td>*UNLOAD</td> <td>Tape is rewound and unloaded.</td> </tr> </table>	*LEAVE	Tape is left in its current position.	*REWIND	Tape is rewound, but not unloaded.	*UNLOAD	Tape is rewound and unloaded.
*LEAVE	Tape is left in its current position.						
*REWIND	Tape is rewound, but not unloaded.						
*UNLOAD	Tape is rewound and unloaded.						

Label	<p>LABEL – The identifier of the data file on the tape.</p> <p>Possible values:</p> <table border="1"> <tr> <td>*LIB</td> <td>Use the library name found in the RSTLIB parameter, which defaults to the current Cleo files library.</td> </tr> <tr> <td>data-file-identifier</td> <td>Specify the name that identifies the data file on the tape.</td> </tr> </table>	*LIB	Use the library name found in the RSTLIB parameter, which defaults to the current Cleo files library.	data-file-identifier	Specify the name that identifies the data file on the tape.
*LIB	Use the library name found in the RSTLIB parameter, which defaults to the current Cleo files library.				
data-file-identifier	Specify the name that identifies the data file on the tape.				

Option	<p>OPTION – Specifies how to handle restoring objects. Possible values:</p> <table border="1"> <tr> <td>*ALL</td> <td>All records in the saved object are restored to the specified library. Records in the saved object replace those in the specified library. Records not in the specified library are added. Records in the specified library but not in the saved object remain in the specified library.</td> </tr> <tr> <td>*NEW</td> <td>Records that do not exist in the specified library are restored.</td> </tr> <tr> <td>*OLD</td> <td>Only records that exist in the specified library are restored.</td> </tr> </table>	*ALL	All records in the saved object are restored to the specified library. Records in the saved object replace those in the specified library. Records not in the specified library are added. Records in the specified library but not in the saved object remain in the specified library.	*NEW	Records that do not exist in the specified library are restored.	*OLD	Only records that exist in the specified library are restored.
*ALL	All records in the saved object are restored to the specified library. Records in the saved object replace those in the specified library. Records not in the specified library are added. Records in the specified library but not in the saved object remain in the specified library.						
*NEW	Records that do not exist in the specified library are restored.						
*OLD	Only records that exist in the specified library are restored.						

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Restore to library

RSTLIB – The library to which the data is to be restored.

Possible values:

*CURRENT	The library name found in the Cleo system value EXTFILLIB will be used.
files-library-name	Specify the name of an Cleo files library.

Save file

SAVF – If the Device is specified as ***SAVF**, the name of the save file containing the data to be restored is required. The library containing the save file may also be specified.

Possible Library values:

*CURLIB	The current library for the job is used to locate the save file. If no current library entry exists in the library list, QGPL is used.
*LIBL	The library list is used to locate the save file.
library name	The name of the library to be searched.

Sequence number

SEQNBR – The sequence number to be used for a restore from tape.

Possible values:

*SEARCH	The volume on the tape device is searched for a data file with an identifier that matches the LABEL parameter value; when a match is found, the data file is restored.
file-sequence-number	Specify the sequence number to be used for the restore operation.

Volume identifier

VOL – The tape volume to be used.

Possible values:

*MOUNTED	The volume currently placed in the device is used.
volume-identifier	Specify the identifier of the volume used to restore the data.

Save

These parameters are common to most APIs that save data.

Clear CLEAR – Specifies whether active data on the media is automatically cleared or replaced. Active data is any file on the media that has not expired.

Clearing active data removes all files from the volume, starting at the specified sequence number for tape.

Replacing active data on optical media replaces only the optical files created by this operation.

Notes:

- Clearing a tape does not initialize it. You should initialize tapes to a standard label format before the save command is issued by using the **Initialize Tape** command (INZTAP) and specifying a value on its New volume identifier parameter.
- Clearing an optical volume does initialize it.
- Clearing a diskette does not initialize it. You should initialize diskettes to a save and restore format before the save command is issued by using the **Initialize Diskette** command (INZDKT) and specifying ***SAVRST** for its Diskette format parameter.
- If a volume that is not initialized is encountered during the operation, an inquiry message is sent and an operator can initialize the volume.

Possible values:

*AFTER	All media after the first volume is automatically cleared. If the save operation encounters active data on the first tape or diskette, an inquiry message is sent, allowing the operator to either end the save operation or clear the media. If the save operation encounters the specified optical file on the first volume, an inquiry message is sent, allowing the operator to either end the save operation or replace the file. Note: The *AFTER value is not valid for save files.
*ALL	All of the media is automatically cleared. If tapes are used and a sequence number is specified on the SEQNBR parameter, the first tape is cleared beginning at that sequence number. All tapes following that first tape are completely cleared. To clear the

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	entire first tape, SEQNBR(1) must be specified.
*NONE	None of the media is automatically cleared. If the save operation encounters active data on a tape, diskette, or save file, an inquiry message is sent, allowing the operator to either end the save operation or clear the media. If the save operation encounters the specified optical file, an inquiry message is sent, allowing the operator to either end the save operation or replace the file.
*REPLACE	Active data on the media is automatically replaced. Optical volumes are not initialized. Other media is automatically cleared in the same way as the *ALL value.

Data compaction

COMPACT – Specifies whether device data compaction is performed.

Possible values:

*DEV	Device data compaction is performed if the data is saved to tape and all tape devices specified on the Device prompt (DEV parameter) support the compaction feature. Note: If *DEV is specified on both the Data compression prompt (DTACPR parameter) and the Data compaction prompt (COMPACT parameter), only device data compaction is performed if device data compaction is supported on the device. Otherwise, data compression is performed if supported on the device. If *YES is specified on the Data compression prompt (DTACPR parameter) and *DEV is specified on the Data compaction prompt (COMPACT parameter), both device data compaction and device data compression are performed if supported on the device.
*NO	Device data compaction is not performed.
*SYSVAL	The value contained in the system parameter EXCOMPACT will be substituted.

Create save file

CRTSAVF – A save file with the specified name must exist in the specified library before any data can be saved.

Possible values:

*NO	Do not create a save file.
*YES	Create a save file with the specified name in the specified library if one does not already exist.

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Device

DEV – The device used for the save operation. It must be known on the system by a device description.

You can enter multiple values. If you are on an entry display and you need additional entry fields to enter these multiple values, type a plus sign (+) in the entry field opposite the phrase "+ for more" and press **Enter**. Possible values:

*MEDDFN	The save operation is done using the devices and media identified in the media definition specified by the Media definition prompt (MEDDFN parameter).
*SAVF	The save operation is done using the save file specified by the SAVF parameter.
diskette-device-name	Specify the name of the diskette device used for the save operation.
optical-device-name	Specify the name of the optical device used for the save operation.
tape-device-name	Specify the names of one or more tape devices used for the save operation. If multiple tape devices are used, they must have compatible media formats and their names must be specified in the order in which they are used. Using more than one tape device permits one tape volume to be rewound and unloaded while another tape device processes the next tape volume. To use more than one device in parallel, a media definition must be specified.
tape-media-library-device-name	Specify the name of the tape media library device used for the save operation.

Data

compression

DTACPR – Specifies whether data compression is used.

Possible values:

*DEV	If the save is to tape and the target device supports compression, hardware compression is performed. Otherwise, no data compression is performed. Note: If *DEV is specified on both the Data compression prompt (DTACPR parameter) and the Data compaction prompt (COMPACT parameter), only device data compaction is performed if device data compaction is supported on the device. Otherwise, data compression is performed. If *YES is specified on the Data compression prompt (DTACPR parameter) and *DEV is specified on the Data compaction prompt (COMPACT parameter), both device data compaction and device data compression are performed.
*NO	No data compression is performed.
*YES	If the save is to tape and the target device supports compression, hardware compression is performed. If

End of tape option

ENDOPT – Specifies the operation that is automatically done on the tape or optical volume after the save operation ends. If more than one volume is used, this parameter applies only to the last volume used; all other volumes are unloaded when the end of the volume is reached.

This parameter is valid only if a tape or optical device name is specified on the Device parameter. For optical devices, ***UNLOAD** is the only value supported; ***REWIND** and ***LEAVE** will be ignored.

Possible values:

*LEAVE	The tape does not rewind or unload after the operation ends. It remains at the current position on the tape drive.
*REWIND	The tape is automatically rewound, but not unloaded, after the operation has ended.
*UNLOAD	The tape is automatically rewound and unloaded after the operation ends. Some optical devices will eject the volume after the operation ends.

File expiration date

EXPDATE – The expiration date of the file created by the save operation.

If a date is specified, the file is protected and cannot be overwritten until the specified expiration date. The expiration date must be later than or equal to the current date.

Notes:

- This parameter is valid for tape, diskette, and optical files. For save operations to diskette, the expiration date specified must be later than the date of the save operation. Otherwise, the save and restore files whose expiration date has been exceeded may be lost when the next save and

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restore file is written during the save operation.

- Specifying this parameter does not protect against a later save operation that specifies ***ALL** for the Clear parameter.

Possible values:

*PERM	The file is protected permanently.
expiration-date	Specify the date when protection for the file ends. Note: For save operations to diskette, the expiration date specified must be later than the date of the save operation. Otherwise, the save and restore files whose expiration date has been exceeded may be lost when the next save and restore file is written during the save operation.

Label LABEL – Identifies the data file on the tape or diskette to be used. If this parameter is used on the save command, the same label must be specified on the restore command.

You cannot specify ***SAVLIB**, since it is a value for the Label parameter of the restore command and would prevent you from restoring what you saved.

Possible values:

*LIB	The file label is created by the system using the name of the library specified on the Library prompt (LIB parameter).
data-file-identifier	Specify the data file identifier of the data file used for the save operation. A maximum of 17 characters can be used. This option is valid only for a single-library save operation.

Files library LIB – The files library containing data to be saved.

Possible values:

*CURRENT	The library name found in the Cleo system value EXTFILLIB will be used.
files-library-name	Specify the name of an Cleo files library.

Reorganize before copy

REORG – Reorganize files before copying.

If any program on the **Mapping** menu is being used or any translation job is currently running, these files may not be reorganized. If ***YES** was specified, the command will check for this condition before attempting to reorganize.

Possible values:

*NO	Do not reorganize before copying.
*YES	Reorganize before copying.

Save file

SAVF – The save file (in library-name/file-name format) used to contain the saved data.

The save file must be empty, unless ***ALL** is specified for the Clear parameter.

Possible Library values:

*CURLIB	The current library for the job is used to locate the save file. If no current library entry exists in the library list, QGPL is used.
*LIBL	All libraries in the job's library list are searched until the first match is found.
library name	Specify the name of the library to be searched.

Sequence number

SEQNBR – When tape is used, the sequence number to use as the starting point for the save operation.

Possible values:

*END	The save operation begins after the last sequence number on the first tape. If the first tape is full, an error message is issued and the operation ends.
file-sequence-number	Specify the sequence number of the file to be used for the save operation. Valid values range from 1 through 16777215.

TGTRLS – The release of the operating system on which you intend to restore and use the object.

**Target
release**

The release level is specified in the format **VxRxMx**, where **Vx** is the version, **Rx** is the release, and **Mx** is the modification level. The release level V3R1M0, then, is Version 3 Release 1 Modification 0.

To specify that an object be saved for distribution to a system at a different release level than the system on which the save operation is to occur, the procedure differs for program or non-program objects and by the release level on which a program object is created. If, for example, you are saving an object for distribution to a target system running on an earlier release, you have the following choices.

For program objects

- If the program object was created at a release level more current than the targeted earlier release, you must:

(1) Create the object again specifying the targeted earlier release.

(2) Save the object specifying the targeted earlier release.

(3) Restore the object on the target system.

- If the program object was created at the same release level as the target system, you can:

(1) Save the object specifying the targeted earlier release.

(2) Restore the object on the target system.

For non-program objects

You can:

(1) Save the object specifying the targeted earlier

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release.

(2) Restore the object on the target system.

Possible values:

*CURRENT	The objects are to be restored to, and used on, the release of the operating system currently running on your system. The objects also can be restored on a system with any subsequent release of the operating system installed.
*PRV	The object is to be restored to the previous release with modification level 0 of the operating system. The object can also be restored to a system with any subsequent release of the operating system installed.
target-release	Specify the release in the format VxRxMx. The object can be restored to a system with the specified release or with any subsequent release of the operating system installed. Valid values depend on the current version, release, and modification level, and they change with each new release.

Volume identifier

VOL – Specifies the volume identifiers of the volumes, or the cartridge identifiers of tapes in a tape media library device, on which the data is saved. The volumes must be placed in the device in the same order as specified on this parameter.

Multiple volume names are not supported.

Possible values:

*MOUNTED	The data is saved on the volumes placed in the device. For a media library device, the volume to be used is the next cartridge in the category mounted by the Set Tape Category (SETTAPCGY) command. Note: This value cannot be specified when using an optical media library device.
volume-identifier	Specify the identifiers of one or more volumes in the order in which they are placed in the device and used to save the objects. A maximum of 75 volume identifiers can be specified.

Send

These parameters are common to most APIs that send data.

**Files
library**

LIB – The files library from which the data is to be sent.

Possible values:

*CURRENT	Use the library name found in data area EXTFILLIB using the library list for this job.
library-name	The name of the files library to be used.

**Line
description
name**

LIND – The line description to be *varied on* to enable sending the current object to another system.

If the specified line is already *varied on* or active, or if it cannot be *varied on*, the rest of the command processing is still performed.

If the line cannot be *varied on* and the current object is consequently not sent, it will remain in the appropriate SNADS distribution queue.

The line actually used to send the current object will be determined by the SNADS configuration and the corresponding device and controller descriptions; it may therefore be resolved to a different line than that specified in this parameter.

Possible values:

*NONE	Specifies that no attempt will be made to vary on a line.
line-description	The name of the communications line to be varied on.

**User
identifier**

TOUSRID – Possible values:

*SYSVAL	Uses the contents of data area EXTOUSRID to obtain the user ID and address to which the data is to be sent. (The default value for data area EXTOUSRID is the user ID and address of the Cleo Technical Support system.)
user-identifier	Enter user ID and address to whom the data is to be sent.

Error Messages

Commands ending in (B) may only be used in a batch program. Most of these issue error messages that may be monitored. This section presents the error messages for each batch command.

<u>CRTAPPDTA(B)</u>	Create application data batch
<u>CRTCNSND(B)</u>	Create connections to send
<u>CRTENVLOG(B)</u>	Create envelope log records
<u>CRTFADTA(B)</u>	Generate outgoing ack
<u>STRCNSND(B)</u>	Start connections to send (batch)
<u>STRRCVTRN(B)</u>	Start script; translate all (batch)
<u>STRTRNCNN(B)</u>	Start translate of connections (batch)

CRTAPPDTA (B) Create application data batch

Error messages issued by the CRTAPPDTA(B) command that can be monitored:

UEX0021	20	Log of connection not found
UEX0022	20	Log of connection already exists
UEX0026	20	Log of data interchange already exists
UEX0027	20	Log of group not found
UEX0028	20	Log of group already exists
UEX0029	20	Log of message not found
UEX0033	20	Trading partner message class not found
UEX0035	20	Trading partner not found
UEX0109	20	Trading partner group not found
UEX0121	20	Log of application data not found
UEX0122	20	Log of application data already exists
UEX0124	20	Application file set not found

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UEX0126	20	Application file set member not found
UEX0136	20	Network port not found
UEX0190	20	Translation job already exists
UEX0192	20	Not in proper status for translation
UEX0196	20	Translation job not created
UEX0288	40	Trans job &9/&8/&7 could not find master job &11
UEX0336	20	Application file set &1 type &2 is invalid
UEX0502	20	Application data log override not found
UEX0503	20	Application data log override already exists
UEX0507	20	Group and interchange envelope logs not created
UEX0547	20	Cannot create envelope logs-another job must finish
UEX0606	20	At least one send conn ended in error-see previous
UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op could not find requested rcrd
Y2U0021	20	Call to program ended in error

CRTCNSND(B) Create connections to send

Error messages issued by the CRTCNSND(B) command that can be monitored:

UEX0022	20	Log of connection already exists
UEX0021	20	Log of connection not found
UEX0027	20	Log of group not found
UEX0029	20	Log of message not found
UEX0136	20	Network port not found
UEX0192	20	Not in proper status for translation
UEX0199	20	No messages marked for translation
UEX0605	20	No records found: file &2/&3 member &4 file set &1
UEX0606	20	At least one send conn. ended in error-see previous

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UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error

CRTEENVLOG (B) Create envelope log records

Error messages issued by the CRTEENVLOG(B) command that can be monitored:

UEX0021	20	Log of connection not found
UEX0022	20	Log of connection already exists
UEX0026	20	Log of data interchange already exists
UEX0027	20	Log of group not found
UEX0028	20	Log of group already exists
UEX0029	20	Log of message not found
UEX0033	20	Trading partner message class not found
UEX0035	20	Trading partner not found
UEX0109	20	Trading partner group not found
UEX0136	20	Network port not found
UEX0192	20	Not in proper status for translation
UEX0199	20	No messages marked for translation
UEX0502	20	Application data log override not found
UEX0503	20	Application data log override already exists
UEX0507	20	Group and interchange envelope logs not created
UEX0547	20	Cannot create envelope logs-another job must finish
UEX0605	20	No records found: file &2/&3 member &4 file set &1
UEX0606	20	At least one send conn. ended in error-see previous
UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error

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CRTFADTA (B) Generate outgoing ack

Error messages issued by the CRTFADTA(B) command that can be monitored:

UEX0002	20	Ack at element level already exists
UEX0004	20	Ack at group level already exists
UEX0006	20	Ack at segment level already exists
UEX0008	20	Ack at message level already exists
UEX0021	20	Log of connection not found
UEX0022	20	Log of connection already exists
UEX0026	20	Log of data interchange already exists
UEX0027	20	Log of group not found
UEX0028	20	Log of group already exists
UEX0029	20	Log of message not found
UEX0030	20	Log of message already exists
UEX0033	20	Trading partner message class not found
UEX0035	20	Trading partner not found
UEX0109	20	Trading partner group not found
UEX0121	20	Log of application data not found
UEX0122	20	Log of application data already exists
UEX0124	20	Application file set not found
UEX0126	20	Application file set member not found
UEX0136	20	Network port not found
UEX0190	20	Translation job already exists
UEX0192	20	Not in proper status for translation
UEX0196	20	Translation job not created
UEX0199	20	No messages marked for translation
UEX0288	40	Trans. job &9/&8/&7 could not find master job &11
UEX0336	20	Application file set &1 type &2 is invalid
UEX0502	20	Application data log override not found

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UEX0503	20	Application data log override already exists
UEX0507	20	Group and interchange envelope logs not created
UEX0547	20	Cannot create envelope logs-another job must finish
UEX0606	20	At least one send conn. ended in error-see previous
UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error

STRCNNSND (B) Start connections to send (batch)

Error messages issued by the STRCNNSND(B) command that can be monitored:

UEX0021	20	Log of connection not found
UEX0136	20	Network port not found
UEX0605	20	No records found: file &2/&3 member &4 file set &1
UEX0606	20	At least one send conn. ended in error-see previous
UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error

STRRCVTRN (B) Start script; translate all (batch)

Error messages issued by the STRRCVTRN(B) command that can be monitored:

UEX0190	20	Translation job already exists
UEX0288	40	Trans. job &9/&8/&7 could not find master job &11
UEX0292	40	Trans. job &4/&3/&2 master job &6 ended w/&9 errors
UEX0532	20	Network port &2 not found for Network &1
UEX0567	20	Communications error line &7-Notify EDI operations
UEX0573	20	Alternate ports exhausted for Network &1 port &2
UEX9899	40	Error occurred during processing of command

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Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error

STRTRNCNN (B) Start translate of connections (batch)

Error messages issued by the STRTRNCNN(B) command that can be monitored:

UEX0190	20	Translation job already exists
UEX0288	40	Trans. job &9/&8/&7 could not find master job &11
UEX0292	40	Trans. job &4/&3/&2 master job &6 ended w/&9 errors
UEX9899	40	Error occurred during processing of command
Y2U0004	20	Database operation failed (see previous messages)
Y2U0009	20	Change or delete op. could not find requested rcrd
Y2U0021	20	Call to program ended in error