
Chicago Interface Group, Inc.

Adhoc Reporter Reference Guide

Chicago Interface Group, Inc.
858 West Armitage Avenue #286
Chicago, IL 60614 USA

Phone: (773) 524-0998
Fax: (815) 550-6088
Internet: www.cigi.net
Email: support@cigi.net

Adhoc Reporter 7.0
Copyright © 2007 Chicago Interface Group, Inc. All Rights Reserved
Documentation version April 3, 2006

Adhoc Reporter is a trademark of Chicago Interface Group, Inc.
CA-Endevor is a registered trademark of Computer Associates International

Table of Contents

Chapter One: Quick Start and Usage Notes	1
Introduction	2
Overview	2
Report example 1	2
Report example 2	2
Getting Started and Usage Notes	3
Usage Notes	3
Report Examples	5
Example 1	5
Step 1: Select a report option from the main menu: Option 1	5
Step 2: Select the specific fields desired on the report	6
Step 3: Receive confirmation on creation of parameters	7
Step 4: Submit the job to create the report.....	8
Step 5: Exit the Reporter.....	9
Step 6: View the report	9
Example 2	11
Step 1: Select a report option from the main menu: option 2	13
Step 2: Select the specific fields desired on the report	14
Step 3: Receive confirmation on creation of parameters	15
Step 4: Submit the job to create the report.....	15
Step 5: Exit the Reporter.....	16
Step 6: View the report	16
Chapter Two: The ISPF Interface	19
Introduction to the Adhoc Reporter Front end	20
Panels	20
Option 1: Custom General Reports	21
Options	21
Fields.....	21
Option 2: Custom Package Reports	26
Options.....	26
Fields.....	26
Source Level Package Panel	29
Options.....	29

Fields.....	30
Target Level Package Panel	31
Options.....	32
Fields.....	32
Option 3: Custom Processor Group Reports	34
Options.....	34
Fields.....	34
Option 4: Custom Approver Group Reports	37
Options.....	37
Fields.....	37
Option 5: Prepackaged Reports	40
Option 6: Edit and Submit Current Active List	41
Option 7: Clear and Reset Current Active List	42
Miscellaneous Filter panels	43
Report Limits Panel	43
Date Limits Panel.....	43
Time Limits Panel.....	44
Date and Time Limit Panel Usage Notes.....	45
CCID Limits Panel.....	46
Reports Selected Informational Panel.....	46
Adhoc Reporter: Report Formats and Usage	48
Custom Report Formats	49
Custom General Report Format	49
Custom Package Report Format	51
Custom Processor Group Report Format.....	53
Custom Approver Group Report Format	55
Prepackaged Report Formats	56
Processor Groups By Usage Report Format	56
Approver By Usage Report Format	58
Types by Environments and System Report Format.....	59
Advanced Issues	61
Sort Order Selection.....	61
Understanding Execution Reports	61
Report Wrapping.....	62
.....	62
Appendix A: Field Default Sort Order	63
Custom Processor Group Report	63
Custom Approver Group Report.....	64
Custom Package Report.....	64
Custom General Report.....	66

Chapter One: Quick Start and Usage Notes

This chapter contains:

- Introduction
- Two basic examples on how to get started using the *Adhoc* Reporter along with some useful usage tips.
- Report example 1
- Report example 2

Introduction

Overview

This chapter describes how to access the Adhoc Reporter and use it effectively for immediate results. We have provided some practical examples that will enhance your understanding of the product. The usage notes contain some helpful hints on how to use the Reporter, along with many basic Reporter workings.

The Adhoc Reporter is composed of an ISPF front end written using REXX execs combined with a COBOL batch processing step. The combination of the two provides an easy interface into the world of Endeavor data. The user accesses the Reporter via the ISPF front end, which creates parameters for input to COBOL batch processing along with submitting and editing the batch

Report example 1

JCL.

Report example 1 is a Custom General report providing information at the element level on source lines contained in each element. This would be useful information to have during an

Report example 2

application conversion project.

Report example 2 is a Custom Package report providing information at the package id level on Cast dates, times, and userids. This would be useful information to have during a large implementation where it is important to have packages available at a specific date and time. The userid is helpful because all users will then know who actually cast the package if several different departments are working on the implementation.

Getting Started and Usage Notes

This chapter will get you off to a quick start. As you walk through the creation of the two reports below, you will become familiar with the Adhoc Reporter and see immediately just how easy it is to use.

The report examples are simplified to show you the basic mechanics of how the Reporter works, and are not meant to be an exhaustive display of the Reporter's power. How you use the product will be based on your specific needs.

There should be an option on your main menu when you logon to TSO to get into the Adhoc Reporter. Select that option and you will see the Adhoc Reporter's initialization message. If you do not have an option on the main menu, ask your Endeavor administrator for instruction on how

Usage Notes

to access the Reporter.

- Each custom field panel has a field already selected. This field represents the lowest level component for that report. The list of required fields and their associated report are identified below:

Custom Approver Group report:	Approver Group field
Custom Processor Group report:	Processor Group field
Custom General report:	Element field
Custom Package report:	Package id field

You may create more than one report between job submissions. However, you may only create one report of any particular type between job submissions or edits. For example, you may not create two Custom General reports without submitting the JCL between the two, or without returning to the main menu and clearing the active report list.

All output is in the ADHRPT DD when viewing through your output viewer. The Custom Package report is created in a separate step from the other reports, so it will always be in a separate ADHRPT DD when created.

- You may save the JCL and parms you have created by selecting EDIT JCL instead of SUBMIT JCL on the JCL menu, and then saving the JCL in one of your libraries.
- Once you select a field in any particular report and press <enter>, that field will appear on the report. In this release, there is no way of deleting the field prior to submitting the job from the Reporter panels.

- When entering data values for any field except “dates” or “times” you may use an “*” to wild card the last part of a field (i.e., PRO*, CIG*).
- If you want to keep a specific set of parms to execute at a later time or multiple times, you will have to change the JCL so that the parms are not deleted at the end of the job. By default the parms are deleted when the job ends (e.g., DISP = (old, delete)).
- If you do not specify a sort order, the Reporter will use the default sort order. See Appendix A: *Field Default Sort* for the default sort order.
- When specifying data values, all like fields are “or’d” and all unlike fields are “and’d” together (e.g., If (ENVIRONMENT = ‘TEST’ or ENVIRONMENT = ‘PROD’) and (CCID = ‘CIGCCID1’ or CCID = ‘CIGCCID3’), then add to report).

Example 1

Report Examples

Example 1 is a simplified version of a Customized General report. It requires the following steps:

1. Select a report option from the main menu: Option 1
2. Select the specific fields desired on the report
3. Receive confirmation on creation of parameters for the report just chosen
4. Submit the job to create the report
5. Exit the Reporter
6. View the report

This report lists all elements sorted by number of source lines in ascending sequence giving the base date, time, and userid with each. It will also include the environment, system, and subsystem sharing the element's location in Endeavor.

This type of report can be used to determine the amount of source that will need to be changed when analyzing a particular application system by sorting by number of source lines groups all

Step 1: Select a report option from the main menu: Option 1

the larger programs together at the end of the report.

Figure 1 (below) shows the Adhoc Reporter Main Menu. There are six primary functions available on this menu, each providing the capability to create a distinct type of report or provide JCL submit/modification capabilities. Select option 1 to identify report parameters for creating a Custom General report, and then press <enter>. All general reports are created at the element level, which allows you to get information on a specific element in a variety of ways.

```

----- Adhoc Reporter Main Menu -----
Option ==>

Select an option from the menu below:

1) Create Custom General Reports
2) Create Custom Package Reports
3) Create Custom Processor Group Reports
4) Create Custom Approver Group Reports
5) Execute Prepacked Reports

6) Edit and Submit Current Active List
7) Clear and Reset Current Active List
8) Set Session Attributes
X) Exit

```

Step 2: Select the specific fields desired on the report

Figure 1. Adhoc Reporter Main Menu

The Custom General Reports panel has a wide variety of field options to choose from. Most of the fields have sort order and search limit options available.

```

----- Adhoc Reporter General Reports-----
Option ==>
The following report fields are available for building custom general
reports. Enter 'X' next to fields desired, optionally enter a
numeric value to define sort order. Search limit field is optional.

Field Sort Limit          Field Sort Limit
Name  Order Search      Name  Order Search
(X)  (NUM)  (Y)          (X)  (NUM)  (Y)
-----
Environment => X =>  =>   Base Date   => X =>  =>
System      => X =>  =>   Base Time  => X =>  =>
Subsystem   => X =>  =>   Base Userid => X =>  =>
Type        =>  =>  =>   Current Date =>  =>  =>
Element     => X =>  =>   Current Time =>  =>  =>
Stage       =>  =>  =>   Generate Date =>  =>  =>
Ver. Lvl.   =>  =>  =>   Generate Time =>  =>  =>
Source Lines => X =>  1 =>   Generate Usrid =>  =>  =>
CCID        =>  =>  =>   L. Action Date =>  =>  =>
Last Action =>  =>  =>   L. Action Time =>  =>  =>
Move Date   =>  =>  =>   L. Action Usid =>  =>  =>
Move Time   =>  =>  =>   Proc. Fail Flg =>  =>  =>
Signout-id  =>  =>  =>   Proc. Ret. Cod =>  =>  =>
Retrieve to =>  =>  =>

```

Figure 2. Custom General Reports Panel

Once the General Reports panel appears, select the following fields, as shown in Figure 2: Environment, System, Subsystem, Base Date, Base Time, Base Userid, and Source Lines. (Note that the Element field is already selected because every report created from this panel is at the Element level.)

To select it as the primary source field, Type “1” in the Sort Order column at the Source Lines

Step 3: Receive confirmation on creation of parameters

field. Hit <Enter> to continue. The report will then be sorted in ascending order by source lines.

```

----- Adhoc Report Confirmation Panel -----
Opti | Option==>
The  |
repo | The report parm has been updated with your FIELD, VALUE
nume | and SORT selections. Press END to add more requests or
     | press ENTER to submit requests below.
     |
     | Current active requests...
Envi |     ===> GENERAL REPORT
Syst |
Subs |
Type |
Elem |
Stag |
Ver. |
Sour |
CCID |
Last | PF3 = Add more requests   Enter = Submit JCL   PF1 = Help
Move |
Move |
Sign |
Retr |
-----

```

Figure 3. Custom General Report Acknowledgement Panel

A popup panel (Figure 3) will verify the report you just selected and confirm that the parameters have been updated with your selections. This is just an informational screen: no input is possible. Press <enter> to continue processing the report, or press PF3 to return to the Adhoc main menu to generate another report request.

If you choose to continue processing the report, Adhoc will then display the JCL Edit and Submit panel, which is discussed in Step 4, below.

Step 4: Submit the job to create the report

The JCL selection panel provides edit and submission capabilities; changes to the jobcard can also be made here. You will need to verify that the jobcard has the proper class and region parameters provided.

```
----- Adhoc Reporter JCL Edit and Submit Panel-----
Option  ==>

      Select an option from the menu below.

      1) Edit JCL
      2) Submit JCL

Enter a valid job card below (required):
====> //P390NN JOB (ACCT#), 'NELLIE', CLASS=A, MSGCLASS=H,
====> //      NOTIFY=P390N, REGION=4096k
====>
====>

      PF3 = End      Enter = Process      PF1 = Help
```

Figure 4. JCL Panel

From this JCL Panel, you may submit your job or review your JCL and save it in one of your personal libraries for later submission. For now, select option 2 to submit the job immediately,

Step 5: Exit the Reporter

and then press <enter>.

Back at the main menu (Figure 1), type an “X” on the option line and then press <enter> to back out of the *Adhoc* Reporter. (You also have the option to create another report, but will not do so for this example.) After leaving the Reporter, you must go to your system output viewer (e.g., SDSF, IOF, SYSVIEW/E, etc.) to check report output.

Step 6: View the report

The panel shown in figure 5 is an example of an SDSF output job, specifically the job just submitted above.

```

SDSF JOB DATA SET DISPLAY - JOB P390NN (JOB01827) LINE 1-5 (5)
COMMAND INPUT ==>
NP DDNAME STEPNAME PROCSTEP DSID OWNER C DEST SCROLL ==> PAGE
JESMSG LG JES2 2 P390N H LOCAL REC-CNT PAGE
JESJCL JES2 3 P390N H LOCAL 16
JESYSMSG JES2 4 P390N H LOCAL 20
ADHRPT CIGADHOC 102 P390N H LOCAL 27
CIGLOG CIGADHOC 103 P390N H LOCAL 109

```

Figure 5. Custom General Report SDSF Output Job

This is an example of how you might view your output in SDSF. The **ADHRPT DD** contains our report.

Select the ADHRPT DD and press <enter>; the Custom General Report (Figure 6) you just requested will appear.

```

1
ADHOC REPORTER 7.0
CUSTOM GENERAL REPORT APPLICATION

SOURCE
LINES ENVIRONMENT SYSTEM SUBSYSTEM ELEMENT BASE DATE BASE TIME BASE USERID
00 SPAIN INTERNAL FASTLIST DEMOELM1 08/04/1998 16:57 HV005
00 SPAIN INTERNAL TESTCASE DEMOELM1 08/04/1998 16:53 HV005
00 SPAIN INTERNAL TESTCASE VANIA 07/22/1998 11:53 HV005
01 SPAIN CPQA0798 TESTCASE ASSESS1 03/04/1997 18:25 CIG01
01 SPAIN CPQA0798 TESTCASE BCBS001 02/03/1998 15:41 HV005
01 SPAIN CPQA0798 TESTCASE CIGIJCLQ 10/22/1996 21:17 CIG01A
01 SPAIN CPQA0798 TESTCASE GOLD005 02/05/1998 11:28 HV005
01 SPAIN CPQA0798 TESTCASE TEST0000 09/15/1997 19:01 TPS27
01 SPAIN CPQA0798 TESTCASE TEST0001 10/09/1997 16:05 CIG02
01 SPAIN CPQA0798 TESTCASE TEST0003 09/16/1997 18:52 CIG01
01 SPAIN CPQA0798 TESTCASE TEST0004 09/16/1997 09:12 TPS27
01 SPAIN CPQA0798 TESTCASE WARD002 02/05/1998 09:43 HV005
01 SPAIN CPQA0798 TESTCASE WARD003 02/05/1998 09:43 HV005
01 SPAIN CPQA0798 TESTCASE WARD004 02/05/1998 09:44 HV005
01 SPAIN CPQA0798 TESTCASE WARD005 02/05/1998 09:44 HV005
01 SPAIN FASTLIST INTERNAL ABC1 05/09/1997 12:43 CIG01
01 SPAIN FASTLIST INTERNAL KRAFT1 03/03/1998 09:39 HV005
01 SPAIN FASTLIST R2M0 #REPRO 04/01/1996 08:15 CIG01C
01 SPAIN FASTLIST R2M0 CIGGHSS0 08/02/1998 07:49 CIG01
01 SPAIN FASTLIST R2M0 CIGGMRGE 07/23/1997 21:02 TPS27
01 SPAIN FASTLIST R2M0 CIGIEND 10/28/1996 08:47 CIG01X
01 SPAIN FASTLIST R2M0 CIGIJCLQ 07/13/1996 15:13 CIG01X
01 SPAIN FASTLIST R2M0 CIGINFO 03/12/1998 14:25 CIG02
01 SPAIN FASTLIST R2M0 PGASMD 05/09/1994 19:43 CIG02A
01 SPAIN FASTLIST R2M0 TESTV01 04/06/1998 11:14 CIG01
01 SPAIN FASTLIST R2M0 TESTV02 04/06/1998 12:01 CIG01
01 SPAIN FASTLIST R2M0 TEST0002 10/10/1997 16:23 CIG01
01 SPAIN FASTLIST R2M0 TEST0004 10/09/1997 18:31 TPS27
01 SPAIN FASTLIST R2M0 TEST01 06/29/1998 16:33 CIG02
01 SPAIN FASTLIST R2M0 TEST02 06/29/1998 16:25 CIG02
01 SPAIN FASTLIST R2M0 X 03/24/1996 22:44 CIG01C
01 SPAIN FASTLIST R2M0 ZZZZ1 02/13/1998 14:25 CIG02
01 SPAIN INTERNAL FRANK HELLO 04/09/1998 10:27 CIG03
01 SPAIN INTERNAL SOJOURN XLCJL3AO 03/26/1998 10:07 CIG03
01 SPAIN INTERNAL TESTCASE $$CTRL$$ 05/30/1997 11:20 CIG01
01 SPAIN INTERNAL TESTCASE ADHOC 05/30/1997 11:55 CIG01
01 SPAIN INTERNAL TESTCASE ALLOISM 05/30/1997 11:56 CIG01
01 SPAIN INTERNAL TESTCASE ASSESS1 03/04/1997 18:25 CIG01
01 SPAIN INTERNAL TESTCASE BCBS001 02/03/1998 15:41 HV005
01 SPAIN INTERNAL TESTCASE BCBS001 02/03/1998 15:43 HV005
01 SPAIN INTERNAL TESTCASE BCBS001 02/03/1998 15:55 HV005
01 SPAIN INTERNAL TESTCASE BETA008 01/20/1998 12:08 HV005
01 SPAIN INTERNAL TESTCASE BETA009 01/20/1998 12:08 HV005
01 SPAIN INTERNAL TESTCASE BETA010 01/20/1998 12:08 HV005
01 SPAIN INTERNAL TESTCASE CIGIEND 05/30/1997 12:14 CIG01
01 SPAIN INTERNAL TESTCASE CIGIJCLQ 10/22/1996 21:17 CIG01A
01 SPAIN INTERNAL TESTCASE CIGIJCLQ 03/04/1997 12:22 CIG01
01 SPAIN INTERNAL TESTCASE CMCINI 10/24/1996 09:06 CIG01A
01 SPAIN INTERNAL TESTCASE COMPIN 10/24/1996 09:08 CIG01A
01 SPAIN INTERNAL TESTCASE DELTA 03/04/1997 19:05 CIG01

```

Figure 6. Custom General Report

Example 2

Notice the report is sorted in ascending order by Source Lines. The primary sort field will always be the first field listed on the report.

Example 2 is a very simplified version of a Customized Package report. It requires the following steps:

1. Select a report option from the main menu: option 2
2. Select the specific fields desired on the report
3. Receive confirmation on creation of the parameters for the chosen report
4. Submit our job to physically create the report
5. Exit the Reporter
6. View the report

This report lists all package ids sorted by package id in ascending sequence giving the cast date, time, and userid with each. It will also include backout status so that the user can see which packages have existing backout records.

This type of report can be used to determine when the package was cast. This is useful in checking on whether a particular group or individual has cast a package by their deadline.

Step 1: Select a report option from the main menu: option 2

```
----- Adhoc Reporter Main Menu -----
Option ==> 2

Select an option from the menu below:

1) Create Custom General Reports
2) Create Custom Package Reports
3) Create Custom Processor Group Reports
4) Create Custom Approver Group Reports
5) Execute Prepacked Reports

6) Edit and Submit Current Active List
7) Clear and Reset Current Active List
8) Set Session Attributes
X) Exit

Copyright (c) 1999, Chicago Interface Group. Unpublished - rights
reserved under the copyright laws of the United States.
```

Figure 7. Adhoc Reporter Main Menu

Select option 2 from the *Adhoc Reporter* main menu (Figure 7) to create a Custom Package report and press <Enter>.

All Package reports are created at the package level, which allows you to get information on a specific package in a variety of ways.

Step 2: Select the specific fields desired on the report

The Custom Package Reports panel has a wide variety of field options to choose from. Most of the fields have sort order and search limit options available.

```
----- Adhoc Reporter Package Reports-----
Option==>

The following report fields are available for building custom package reports.  Enter 'X' in the Field
Name column.  Optionally, enter a numeric value in the Sort Order column and/or a 'Y' in the Search
column for a filter panel.

                Field Sort  Limit                Field Sort  Limit
                Name  Order Search                Name  Order Search
                (X)  (NUM)  (Y)                (X)  (NUM)  (Y)

Source Level  =>                                Cast Date    =>  X =>    =>
Target Level  =>                                Cast Time     =>  X =>    =>
Package-id    =>  X =>                            Cast Userid   =>  X =>    =>
Package Type  =>                                Start Ex Date =>                                =>
Backout Status =>  X =>                            Start Ex Time =>                                =>
Package Status =>                                End Exec Date =>                                =>
Create Date   =>                                End Exec Time =>                                =>
Create Time   =>                                Ex Wd St Date =>                                =>
Create Userid =>                                Ex Wd St Time =>                                =>
                                         Ex Wd End Date =>                                =>
                                         Ex Wd End Time =>                                =>
```

Figure 8. Custom Package Reports Panel

Once the Package Reports panel appears, select the following fields:

- Backout Status
- Cast Date
- Cast Time
- Cast Userid

Note that Package id is already selected because every report created from this panel is at the Package level.

The report will be sorted in ascending order by Package id because no specific sort order for any of the fields was selected. By default, the Package id is the primary sort field on this report, and will be listed first on the report.

Step 3: Receive confirmation on creation of parameters

A popup panel (Figure 9) will verify the report just selected and confirm that the parameters have been updated with your selections. This is just an informational screen: no input is possible. Press <enter> to return to the main menu.

```
                                Adhoc Report Confirmation Panel
Option==>

The report parm has been updated with your FIELD, VALUE
and SORT selections. Press END to add more requests or
press ENTER to submit requests below.

Current active requests...

--=> PACKAGE REPORT

                                PF3 = Add more requests   Enter = Submit JCL   PF1 = Help
```

Figure 9. Package Report Acknowledgement Panel

The Adhoc Reporter returns you to the main menu after each popup confirmation panel; this allows you to either select another report or to process your batch job by submitting it or by

Step 4: Submit the job to create the report.

editing and saving the JCL.

The JCL selection panel provides edit and submission capabilities; changes to the jobcard can also be made here. You will need to verify that the jobcard has the proper class and region parameters provided.

```
----- Adhoc Reporter JCL Edit and Submit Panel-----
Option  ==>

        Select an option from the menu below.

        1) Edit JCL
        2) Submit JCL
```

```

Enter a valid job card below (required):
====> //P390NN JOB (ACCT#), 'NELLIE', CLASS=A, MSGCLASS=H,
====> //      NOTIFY=P390N
====>
PF3 = End      Enter = Process      PF1 = Help

```

Figure 10. JCL Panel

From this JCL Panel, you may submit your job or review your JCL and save it in one of your personal libraries for later submission.

For now, select option 2 to submit the job immediately, and then press <enter>.

Step 5: Exit the Reporter

Back at the main menu (Figure 1), type an “X” on the option line and then press <Enter> to back out of the *Adhoc* Reporter. (You also have the option to create another report, but will not do so for this example.) After leaving the Reporter, you must go to your system output viewer (e.g.,

Step 6: View the report

SDSF, IOF, SYSVIEW/E, etc.) to check report output.

The panel shown in figure 11 is an example of an SDSF output job, specifically the job we just submitted above.

```

SDSF JOB DATA SET DISPLAY - JOB P390NN      (JOB01827)      LINE 1-5 (5)
COMMAND INPUT ====>                                SCROLL ====> PAGE

NP  DDNAME      STEPNAME  PROCSTEP  DSID  OWNER    C  DEST              REC-CNT  PAGE
   JESMSGLG   JES2      2  P390N   H  LOCAL              16
   JESJCL     JES2      3  P390N   H  LOCAL              20
   JESYSMSG   JES2      4  P390N   H  LOCAL              27
A) HRPT      CIGADHOC  102 P390N   H  LOCAL              109
   CIGLOG     CIGADHOC  103 P390N   H  LOCAL              20

```

Figure 11. Custom Package Report SDSF Output Job Example

This is an example of how you might view your output in SDSF. The **ADHRPT DD** contains our report.

Select the ADHRPT DD and press <enter>; the Custom Package report (Figure 12) you just requested will appear.

1

ADHOC REPORTER 7.0
CUSTOM PACKAGE REPORT APPLICATION

PACKAGE ID	BACKOUT STATUS	CAST DATE	CAST TIME	CAST USER ID
*****	*****	*****	*****	*****
\$CMA004	DISABLE	09/16/1997	19:34	CIG01
@@CONTROL	DISABLE	02/23/1998	17:39	CIG01
AETNA01	DISABLE			
AETNA02	DISABLE			
AHOLD1	DISABLE	07/30/1998	07:25	CIG03
AHOLD2	DISABLE	07/29/1998	16:39	HV005
AHOLD3	DISABLE	07/29/1998	16:20	HV005
ALLIANCE	DISABLE			
ANTHEM	ENABLED	12/02/1997	14:23	CIG01
ANTHEMX	DISABLE	08/11/1998	16:45	HV006
ANTHEM2	ENABLED	10/21/1997	09:41	CIG01
ANTHEM3	ENABLED	10/21/1997	10:07	CIG01
ANTHEM3A	DISABLE			
ANTHEM3B	DISABLE	10/21/1997	15:54	CIG03
ASGTEST	DISABLE	08/20/1998	14:42	HV006
ATHEM1	DISABLE	01/19/1998	18:14	CIG02
ATHEM2	DISABLE	01/19/1998	18:30	CIG02
BETA	DISABLE	10/07/1997	15:18	CIG03
BETAAAAA	ENABLED	11/06/1997	10:43	CIG03
BETAMARTY	ENABLED	10/30/1997	12:46	CIG01
BETAMOVE	DISABLE			
BETAOUT	DISABLE	10/03/1997	09:43	CIG03
BETAOUT1	DISABLE			
BETARETR	DISABLE	10/03/1997	16:52	CIG03
BOEING	ENABLED			
BOEING1	DISABLE	09/09/1998	15:49	HV005
BOEING2	DISABLE	09/09/1998	16:15	HV005
BOEING3	DISABLE			
CASTERR4	DISABLE	10/08/1998	11:14	CIG01
CASTER1	ENABLED	10/05/1998	10:35	CIG01
CASTER2	ENABLED	10/05/1998	10:35	CIG01
CASTER3	ENABLED	10/05/1998	10:37	CIG01
CERTIFY2	DISABLE	01/25/1998	14:32	CIG01
CERTIFY3	DISABLE	01/27/1998	17:49	CIG01
CIGTRAIN	ENABLED	10/07/1998	17:18	CIG03
CIG00001	DISABLE	11/16/1998	20:21	HV005
CIG00002	DISABLE	11/16/1998	20:21	HV005
CIG00003	DISABLE	11/16/1998	20:21	HV005
CIG00004	DISABLE	11/16/1998	20:21	HV005
CIG00005	DISABLE	11/16/1998	20:21	HV005
CIG00006	DISABLE	11/16/1998	20:21	HV005
CLPPKGTST1	ENABLED			
COMPANY	DISABLE			
COMPANYNAME	DISABLE	07/02/1998	19:11	HV005
CONNIE	DISABLE	07/07/1997	19:18	CIG01
CPQASEG1	DISABLE	07/23/1998	11:03	CIG03
CPQA0798	DISABLE	07/23/1998	07:48	CIG03
CPRAIL	ENABLED	11/05/1997	11:48	CIG01
CPRAILSV	ENABLED			
CPRAIL1	DISABLE	07/09/1998	15:23	CIG01

Figure 12. Custom Package Report

Chapter Two: The ISPF Interface

This chapter contains

A detailed explanation of how to use the *Adhoc* Reporter front end, including:

- How to access the Reporter
- How to build reports
- How to determine what you need to input

Introduction to the Adhoc Reporter Front end

With the ISPF front end you may:

- Define limiting criteria
- Define report fields
- Define report sort order
- Submit report requests

The Adhoc Reporter ISPF interface puts the data available from Endeavor - specifically, the MCF and package files - in an easy-to-use front end. All reports are created via a COBOL batch job

Panels

and are available for viewing through your output viewer in the ADHRPT DD.

The main menu consists of nine options, including report options, job submission options, and session attribute options.

```
----- Adhoc Reporter Main Menu -----
Option  ===>

      Select an option from the menu below:

      1) Create Custom General Reports
      2) Create Custom Package Reports
      3) Create Custom Processor Group Reports
      4) Create Custom Approver Group Reports
      5) Execute Prepacked Reports

      6) Edit and Submit Current Active List
      7) Clear and Reset Current Active List
      8) Set Session Attributes
      X) Exit
```

Figure 13. Main Menu

This is the first panel you will see upon invoking the Adhoc Reporter ISPF application. From this panel, you may select one of five report options, edit and submit (or clear and reset) the current active list of reports, or change or view your session preferences.

Each report option takes you to a lower-level panel that enables you to select specific parameter values for creating your report.

Option 1: Custom General Reports

To view the Custom General Reports panel, select option 1 from the Adhoc Main Menu and press <enter>. The Custom General Reports panel contains 27 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```

----- Adhoc Reporter General Reports-----
Option ==>
The following report fields are available for building custom general
reports. Enter 'X' next to fields desired, optionally enter a
numeric value to define sort order. Search limit field is optional.

      Field Sort  Limit      Field Sort  Limit
      Name  Order Search      Name  Order Search
      (X)  (NUM)  (Y)      (X)  (NUM)  (Y)
Environment =>    =>    =>      Base Date  =>    =>    =>
System      =>    =>    =>      Base Time  =>    =>    =>
Subsystem   =>    =>    =>      Base Userid =>    =>    =>
Type        =>    =>    =>      Current Date =>    =>    =>
Element     =>    X =>    =>      Current Time =>    =>    =>
Stage       =>    =>    =>      Generate Date =>    =>    =>
Ver. Lvl.   =>    =>    =>      Generate Time =>    =>    =>
Source Lines =>    =>    =>      Generate Usrid =>    =>    =>
CCID        =>    =>    =>      L. Action Date =>    =>    =>
Last Action =>    =>    =>      L. Action Time =>    =>    =>
Move Date   =>    =>    =>      L. Action Usid =>    =>    =>
Move Time   =>    =>    =>      Proc. Fail Flg =>
Signout-id  =>    =>    =>      Proc. Ret. Cod =>
Retrieve to  =>    =>    =>

```

Figure 14. Custom General Reports Panel

Options

- Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Adhoc Reporter will automatically select that field name for you.
- Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

- Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output. Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

Environment	The Endeavor environment where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>environments</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>environments</i> appear on the report.
System	The Endeavor system where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>systems</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>systems</i> appear on the report.
Subsystem	The Endeavor subsystem where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>subsystems</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>subsystems</i> appear on the report.
Type	The Endeavor type associated with the element on the report. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>types</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>types</i> appear on the report.
Element	The element in Endeavor that is being reported on. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>elements</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>elements</i> appear on the report.
Stage	The Endeavor stage where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>stages</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>stages</i> appear on the report.

Ver. Lvl.	The current Endeavor version and level of this particular element. You may specify a sort order for this field, but it is not required. A search limit is not allowed on this field.
Source Lines	The number of Source Code Lines contained in this particular element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>source lines</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>source lines</i> appear on the report.
CCID	The CCID associated with this particular element. You may specify a sort order for this field, but it is not required. You may also enter up to 27 specific <i>CCIDs</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 27 <i>CCIDs</i> appear on the report.
Last Action	The last Endeavor action that was performed against this element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>last actions</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>last actions</i> appear on the report.
Move Date	The date the element was last moved. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>move date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Move Time	The time the element was last moved. You may specify a sort order for this field, however, it is not required. You may also enter up to five specific <i>move time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Signout id	The id of the person who last signed out the element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>signout ids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>signout ids</i> appear on the report.
Retrieve to	The dataset name of the dataset where the element was retrieved to. You may not specify a sort order or search limit for this field.
Base Date	The Base date of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>base</i>

dates from and to values to be included on this report. Wild carding is not allowed on this field.

Base Time The Base time of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific *base times* from and to values to be included on this report. Wild carding is not allowed on this field.

Base Userid The base userid of the element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific *base userids* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 *base userids* appear on the report.

Current Date The current date of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific *current dates* from and to values to be included on this report. Wild carding is not allowed on this field.

Current Time The current time of the element. You may specify a sort order for this field, but it is not required. You may also enter up to 5 specific *current times* from and to values to be included on this report, wild carding is not allowed on this field.

Current Userid The current userid of the element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific *current userids* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 *current userids* appear on the report.

Generate Date The generate date of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five *specific generate dates* from and to values to be included on this report. Wild carding is not allowed on this field.

Generate Time The generate time of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific *generate times* from and to values to be included on this report. Wild carding is not allowed on this field.

Generate Userid The generate userid of the element. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific *generate userids* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 *generate userids* appear on the report.

L. Action Date	The Last action date of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>last action dates</i> from and to values to be included on this report. Wild carding is not allowed on this field.
L. Action Time	The Last action time of the element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>last action times</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Proc. Fail FLG	The Processor fail flag associated with this element. You may not specify a sort order or search limit for this field.
Proc. Ret. Cod	The processor return code associated with this element. You may not specify a sort order or search limit for this field.

Option 2: Custom Package Reports

To view the Custom Package Reports Panel, select option 2 from the Adhoc Main Menu and press <enter>. The Custom Package Reports Panel contains 20 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```

----- Adhoc Reporter Package Reports-----
Option==>

The following report fields are available for building custom package reports.
Enter 'X' in the Field Name column. Optionally, enter a numeric value in the
Sort Order column and/or a 'Y' in the Search column for a filter panel.

                Field Sort  Limit                Field Sort  Limit
                Name  Order Search                Name  Order Search
                (X)  (NUM)  (Y)                (X)  (NUM)  (Y)

Source Level =>                                Cast Date   =>  =>  =>
Target Level =>                                Cast Time   =>  =>  =>
Package-id   =>  X =>    =>    Cast Userid =>  =>  =>
Package Type =>  =>    =>    Start Ex Date =>  =>  =>
Backout Status =>  =>  =>    Start Ex Time =>  =>  =>
Package Status =>  =>  =>    End Exec Date =>  =>  =>
Create Date  =>  =>  =>    End Exec Time =>  =>  =>
Create Time  =>  =>  =>    Ex Wd St Date =>  =>  =>
Create Userid =>  =>  =>    Ex Wd St Time =>  =>  =>
                                   Ex Wd End Date =>  =>  =>
                                   Ex Wd End Time =>  =>  =>

```

Options

Figure 15. Custom Package Reports Panel

Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Reporter will automatically select that field name for you.

Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output. Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

Source Level	Selection of this field will take you to another panel, Figure 16, which will allow you to enter source level element options to be included on the report. You may not specify a sort order option or a Limit search option at this point; if this field is selected, the next panel displayed will provide this capability.
Target Level	Selection of this field will take you to another panel, Figure 17, which will allow you to enter target level element options to be included on the report. You may not specify a sort order option or a Limit search option at this point; if this field is selected, the next panel displayed will provide this capability.
Package id	The package id of the package currently being reported on.
Package Type	The package type of the package currently being reported on.
Backout Status	The backout status of the package currently being report on.
Package Status	The package status of the package currently being reported on.
Create Date	The create date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>create date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Create Time	The create time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>create time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Create Userid	The create userid of the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>create userids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>create userids</i> appear on the report.

Cast Date	The cast date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>cast date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Cast Time	The cast time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>cast time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Cast Userid	The cast userid of the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>cast userids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>cast userids</i> appear on the report.
Start Ex Date	The start execution date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>start execution date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Start Ex Time	The start execution time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>start execution time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
End Exec Date	The end execution date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>end execution date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
End Exec Time	The end execution time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>end execution time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Ex Wd St Date	The execution window start date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>execution window start date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Ex Wd St Time	The execution window start time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>execution window start time</i> from and to values to be included on this report. Wild carding is not allowed on this field.

Ex Wd End Date The execution window end date of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five specific *execution window end date* from and to values to be included on this report. Wild carding is not allowed on this field.

Ex Wd End Time The execution window end time of the package. You may specify a sort order for this field, but it is not required. You may also enter up to five

Source Level Package Panel

specific *execution window end time* from and to values to be included on this report. Wild carding is not allowed on this field.

If you type a 'Y' in the Source Level Limit Search field at the Custom Package Report panel, you will be prompted with the Package Source Level Options panel that contains 10 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```
-----Adhoc Reporter Package Source Level Options-----
Option==>

Enter 'X' next to Field Names desired.  Optionally, enter a numeric value
in the Sort Order field to override the default sort order and/or a 'Y' in
the Limit Search field for an Adhoc filter panel.

                Field Sort  Limit
                Name  Order Search
                (X)  (NUM)  (Y)

Environment   =>   =>   =>
System        =>   =>   =>
Subsystem     =>   =>   =>
Type          =>   =>   =>
Element       =>  X =>   =>
Delta Date    =>   =>   =>
Delta Time    =>   =>   =>
Generate Date =>   =>   =>

PF3 = End   Enter = Process   PF1 = Help
```

Options

Figure 16. Source Level Package Panel

Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Reporter will automatically select that field name for you.

Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output. Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

Environment The element environment in the source level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific source level *environments* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 source level *environments* appear on the report.

System The element system in the source level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific source level *systems* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 source level *systems* appear on the report.

Subsystem The element subsystem in the source level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific source level *subsystems* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 source level *subsystems* appear on the report.

Type The element type in the source level information in the package You may specify a sort order for this field, but it is not required. You may

also enter up to 25 specific source level *types* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 source level *types* appear on the report.

Element The element in the source level information in the package. If the source level field is selected this field is required. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific source level *elements* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 source level elements appear on the report.

Delta Date The Delta date of the source package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level *delta date* from and to values to be included on this report. Wild carding is not allowed on this field.

Delta Time The Delta time of the source package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level *delta time* from and to values to be included on this report. Wild carding is not allowed on this field.

Generate Date The Generate date of the source package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level *generate date* from and to values to be

Target Level Package Panel

included on this report. Wild carding is not allowed on this field.

If you type a 'Y' in the Target Level Limit Search field on the Custom Package Report panel, you will be prompted with the Package Target Level Options panel that contains 10 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```
-----Adhoc Reporter Package Target Level Options-----
Option==>
Enter 'X' next to field names desired.  Optionally, enter a numeric value in
the Sort Order field to override the default sort order and/or a 'Y' in the
Limit Search field for an Adhoc Filter panel.

                Field Sort   Limit
                Name  Order  Search
                (X)  (NUM)  (Y)

Environment    =>    =>    =>
System         =>    =>    =>
Subsystem      =>    =>    =>
```

```

Type          =>   =>   =>
Element       =>  X =>   =>
Delta Date    =>   =>   =>
Delta Time    =>   =>   =>
Generate Date =>   =>   =>

PF3 = End  Enter = Process  PF3 = Exit

```

Figure 17. Target Level Package Panel

Options

- Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Reporter will automatically select that field name for you.
- Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

- Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output. Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

- Environment This is the element environment in the target level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific target level *environments* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 target level environments appear on the report.
- System The element system in the target level information in the package. You may specify a sort order for this field, but it is not required. You may

also enter up to 25 specific target level *systems* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 target level *systems* appear on the report.

Subsystem	The element subsystem in the target level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific target level <i>subsystems</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 target level <i>subsystems</i> appear on the report.
Type	The element type in the target level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific target level <i>types</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 target level <i>types</i> appear on the report.
Element	The element in the target level information in the package. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific target level <i>elements</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 target level <i>elements</i> appear on the report.
Delta Date	The Delta date of the target package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level <i>Delta date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Delta time	The Delta time of the target package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level <i>Delta time</i> from and to values to be included on this report. Wild carding is not allowed on this field.
Generate Date	The Generate date of the target package element. You may specify a sort order for this field, but it is not required. You may also enter up to five specific source level <i>Generate date</i> from and to values to be included on this report. Wild carding is not allowed on this field.

Option 3: Custom Processor Group Reports

To view the Custom Processor Group Reports Panel, select option 3 from the Adhoc Main Menu and press <enter>. The Custom Processor Group Reports panel contains 13 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```

----- Adhoc Reporter Processor Group Reports-----
Option ==>

The following report fields are available for building custom processor
group reports. Enter 'X' in the Field Name field. Optionally, enter a
numeric value to define sort order, or enter a 'Y' in the Limit Search
field for the Adhoc filter panel.

          Field Sort   Limit
          Name Order   Search
          (X)  (NUM)   (Y)

Pgrp name  =>  X =>   =>   Next Pgrp      =>  =>   =>
Environment =>  =>   =>   Move Proc      =>  =>   =>
System     =>  =>   =>   Generate Proc  =>  =>   =>
Type       =>  =>   =>   Delete Proc    =>  =>   =>
Stage id   =>  =>   =>   Move Proc Type =>  =>   =>
Move Symb  =>                               Xfer Proc Type =>
Generate Symb =>                               Move F.G. Flag  =>
Delete Symb =>                               Generate F.G. Flag =>
Proc Desc  =>                               Delete F.G. Flag =>

          PF3 = End   Enter = Process   PF1 = Help
  
```

Options

Figure 18. Custom Processor Group Reports Panel

Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Reporter will automatically select that field name for you.

Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output. Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

PGRP NAME	The Endeavor PGRP NAME associated with the element on the report. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>processor group names</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>processor group names</i> appear on the report.
Next PGRP	The next processor group associated with this processor group.
Environment	The Endeavor environment where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>environments</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>environments</i> appear on the report.
Move Processor	The move processor associated with this processor group.
System	The Endeavor system where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>systems</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>systems</i> appear on the report.
Generate Processor	The generate processor associated with this processor group.
Type	The Endeavor type associated with the element on the report. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>types</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>types</i> appear on the report.
Delete Processor	The delete processor associated with this processor group.
Stage id	The Endeavor Stage id associated with the element on the report. You may specify a sort order for this field, but it is not required. You may

also enter up to 25 specific *stage ids* to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 *stage ids* appear on the report.

Move Proc Type	The move processor type associated with the processor.
Move Symb	The move symbolics associated with the processor being reported on.
Xfer Processr Type	The transfer processor associated with this processor group.
Generate Symb	The generate symbolics associated with the processor being reported on.
Move F.G. FLG	The value of the move foreground flag associated with this processor group.
Delete Symb	The move symbolics associated with the processor being reported on.
Generate F.G. FLG	The value of the generate foreground flag associated with this processor group.
Proc Desc	The description of the processor being reported on.
Delete F.G. FLG	The value of the delete foreground flag associated with this processor group.

Option 4: Custom Approver Group Reports

To view the Custom Approver Group Reports Panel, select option 4 from the Adhoc Main Menu and press <enter>. The Custom Approver Group Reports panel contains 13 different fields to choose from. Most of the fields have sort order and/or limit search options available.

```

----- Adhoc Reporter Approver Group Reports-----
Option==>

The following report fields are available for building custom approver group
reports. Enter 'X' in the Field Name column. Optionally, enter a numeric
value in the Sort Order column to override the default sort order and/or a 'Y'
in the Limit Search column to be prompted with the Adhoc filter panel.

      Field Sort Limit           Field Sort Limit
      Name Order Search           Name Order Search
      (X)  (NUM)  (Y)             (X)  (NUM)  (Y)
Approver Group =>  X =>           Approvers      =>  =>
App Grp Desc  =>                    App Group Env  =>  =>
Environment   =>                    L. Upd Date   =>  =>
Stage id      =>                    L. Upd Time   =>  =>
Stage Name    =>                    L. Upd Userid =>  =>
Site id       =>                    Quorum Count  =>

      PF3 = End      Enter = Process      PF1 = Help
  
```

Options

Figure 19. Custom Approver Group Reports Panel

Field Name An 'X' is the only valid value for this option. Note that if you select a sort order or a search limit before selecting the corresponding field name, the Reporter will automatically select that field name for you.

Sort Order This is a numeric field. Valid numeric values include 1 - 99.

Fields

Limit Search A 'Y' is the only valid value for this field.

For each of the custom reports, there is an opportunity to limit the output for various filtering performed for the report request. For most Endeavor customers this could mean the difference between dozens versus hundreds of pages of output.

Almost all fields have the LIMIT SEARCH option. To limit the search and resultant report by an inventory or condition, enter a 'Y' in the LIMIT SEARCH field. For each limit request entered, a pop-up panel will request filtering field data. All of these fields will be included in the report processing.

Approver Group	The Endeavor approver group associated with the element on the report. This is a required field. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>approver groups</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>approver groups</i> appear on the report.
Environment	The Endeavor environment where the element currently resides. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>environments</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>environments</i> appear on the report.
Stage id	The Endeavor Stage id associated with the element on the report. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>stage ids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>stage ids</i> appear on the report.
Approvers	The list of up to 16 approvers associated with this approver group. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>approver ids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>approver ids</i> appear on the report.
App. Grp. Env.	The environment associated with the approver group. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>approver group environments</i> to be included on this report. Wild carding is allowed on this field; you can, therefore, have more than 25 <i>approver group environments</i> appear on the report.
L. UPD Date	The last update date of the approver group. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>last update date</i> from and to values to be included on this report. Wild carding is not allowed on this field.
L. UPD Time	The last update time of the approver group. You may specify a sort order for this field, but it is not required. You may also enter up to five specific <i>last update time</i> from and to values to be included on this report. Wild carding is not allowed on this field.

L. UPD Userid	The last update userid associated with the approver group. You may specify a sort order for this field, but it is not required. You may also enter up to 25 specific <i>last update userids</i> to be included on this report. Wild carding is allowed on this field; you can, therefore have more than 25 <i>last update userids</i> appear on the report if you wanted.
Title	The title of the approver group. You may not specify a sort order or limit search for this field.
Quorum Count	The quorum count of the user group. You may not specify a sort order or limit search for this field.

Option 5: Prepackaged Reports

To view the Prepackaged Reports Panel, select option 5 from the Adhoc Main Menu and press <enter>. From this panel, you may select one of three prepackaged report options:

- The Processor Groups by Usage report
- The Approvers by Usage report
- The Types per Environment and System report

```
----- Adhoc Reporter Prepackaged Reports-----
Option ==>

Select an option from the menu below:

1) Processor Groups by usage
2) Approvers by usage
3) Types per Environment and System

PF3 = End   Enter = Process   PF1 = Help
```

Figure 20. Prepackaged Reports Panel

The prepackaged report menu is displayed after each prepackaged report selection, allowing you to then select another report. After you have finished selecting prepackaged reports, PF3 (EXIT) will take you back to the main menu, where you can then select custom reports or submit your job.

Option 6: Edit and Submit Current Active List

To edit or submit the JCL for the Current Active List of reports, select option 6 from the Adhoc Main Menu and press <enter>. You will be prompted with the JCL Edit and Submit panel, shown below.

```
----- Adhoc Reporter JCL Edit and Submit Panel-----
Option  ===>

      Select an option from the menu below.

      1) Edit JCL
      2) Submit JCL

Enter a valid job card below (required):
====> //P390NN JOB (ACCT#), 'NELLIE', CLASS=A, MSGCLASS=H,
====> //      NOTIFY=P390N
====>
====>

      PF3 = End      Enter = Process      PF1 = Help
```

Figure 21. JCL Edit and Submit Panel

The JCL panel offers the following options:

- Edit batch job JCL
- Submit jobs
- Change your job card.

Option 7: Clear and Reset Current Active List

To clear and reset the current active list of reports, select option 7 from the Adhoc Main Menu and press <enter>. You will be prompted with the Clear Current Active List confirmation panel, where you have the option of pressing <enter> to clear the active report list, or pressing PF3 to cancel the reset request.

```
----- Adhoc Reporter Main Menu -----
0 .----- Clear Current Active List Confirmation -----
  | Option===>
  |
  | A clear current active list request has been selected.
  | This function will delete and redefine the ADHIN input
  | file and clear all pending report flags.
  |
  | Press ENTER to clear the current request file or press
  | END to cancel this request and return to the main menu.
  |
  | PF3 = Cancel   Enter = Clear   PF1 = Help
  |
-----
```

Copyright (c) 1999, Chicago Interface Group. Unpublished - rights reserved under the copyright laws of the United States.

Figure 22. Clear Current Active List Confirmation panel

Report Limits Panel

Miscellaneous Filter panels

The Report Limits panel is displayed whenever you enter a 'Y' in the Limit Search field on the main report panels. This is a generic panel for all search limit options, except those for CCIDs, Dates, or Times. The field name varies depending on which field you are entering values for.

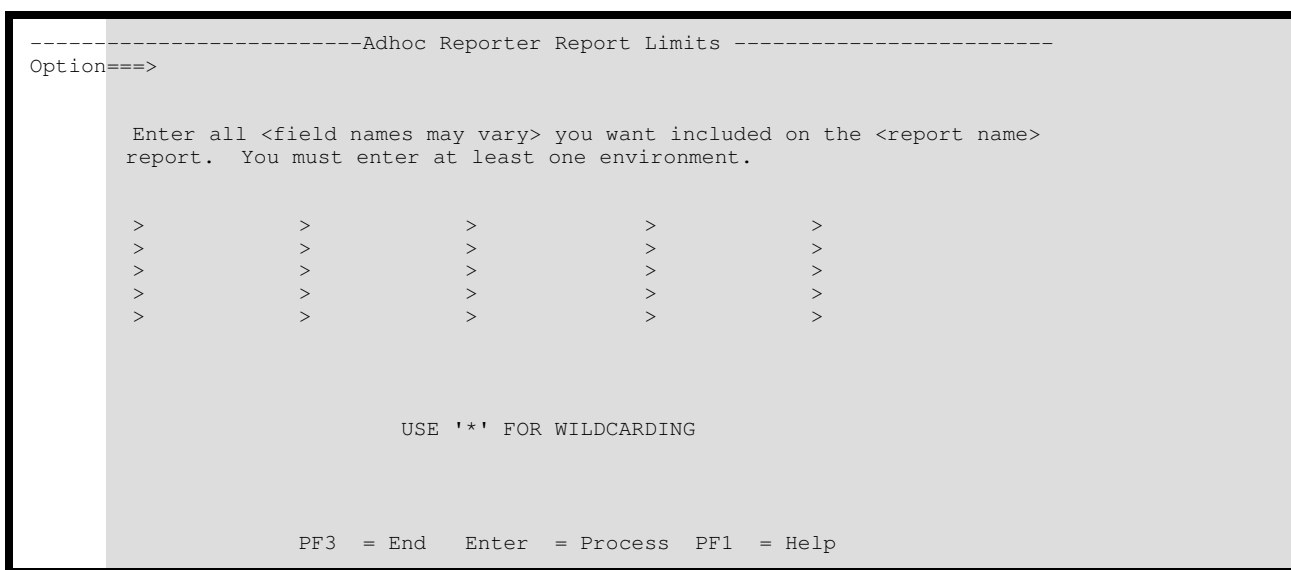


Figure 23. Report Limits Panel

On this panel you may enter up to 25 values for the field at the top of the screen. You may also use an asterisk (*) to wild card any one or more of your entries. Press <enter> after all entries

Date Limits Panel

have been made to continue to the next panel.

If you select a date field and then request that the inputs be limited, you will be prompted with the date panel, as shown below. The Date Limits panel is generic panel for all search limit options involving dates. The field name varies depending on which field you are entering values for.

```

----- Adhoc Reporter Date Limits -----
Option====>

      You may add up to 5 <field name, will vary >
      Dates must be in YY/MM/DD format

      YY      MM      DD      thru  YY      MM      DD
=====
>      /      /      thru  >      /      /
>      /      /      thru  >      /      /
>      /      /      thru  >      /      /
>      /      /      thru  >      /      /
>      /      /      thru  >      /      /

PF3 = End  Enter = Process  PF1 = Help

```

Figure 24. Date Limits Panel

Note the following guidelines for this panel:

- Wild carding is not allowed on this screen.
- You may enter a maximum of five sets of YY/MM/DD values.
- Dates must be entered YY/MM/DD (Y = Year, M = Month, D = Day) format.
- If you have a begin date, you must have a through date.
- If you enter any part of the date, you must enter the completion of the date for the same.
- Press <enter> after all entries have been made to continue to the next panel.

Time Limits Panel

If you select a time field and then request that the inputs be limited, you will be prompted with the time limits panel as shown below. The Time Limits panel is generic for all search limit options involving times. The field name varies depending on which field you are entering values for.

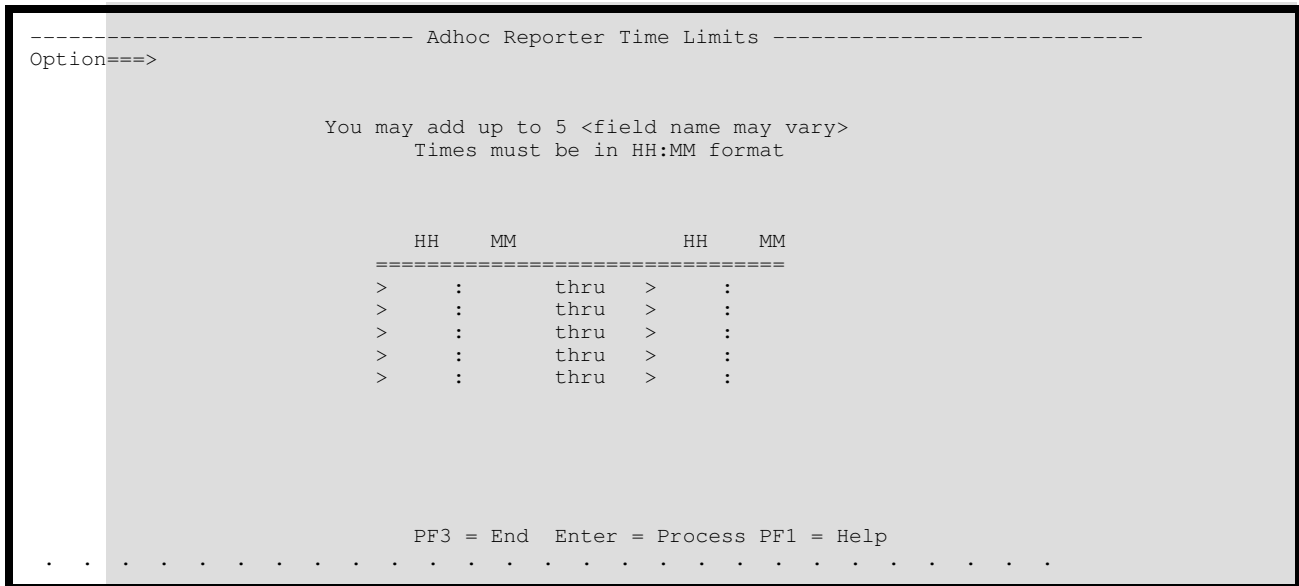


Figure 25. Time Limits Panel

Note the following guidelines for this panel:

- Wild carding is not allowed on this screen.
- You may enter a maximum of five sets of HH:MM values.
- Times must be entered HH:MM (H = hours , M = minutes) format.
- If you have a begin time, you must have a through time.
- If you enter HH, you must enter MM for the same.

Date and Time Limit Panel Usage Notes

- Press <enter> after all entries have been made to continue to the next panel.

If you enter *both* date and time filter limits, the processing will treat the dates as an ‘or’ and the times as an ‘and’: i.e., if a record qualifies based on any of the date filters, then Adhoc will check to see if the record also qualifies for the time filters. In other words, in order to be selected for the report, a record must qualify for one of the date ranges AND one of the time ranges.

CCID Limits Panel

If you select the CCID field and then request that the inputs be limited, you will be prompted with the CCID Input panel, as shown below. The CCID Limits panel is generic for all search limits options except those for Dates, Times, or fields that have a size up to eight characters. The field name varies depending on which field you are entering values for.

```
----- Adhoc Reporter CCID Input-----
Option====>

      You may add up to 27 < field name, will vary >

      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >
      >           >           >

Use '*' for wildcard

PF3 = End  Enter = Process  PF1 = Help
```

Figure 26. CCID Limits Panel

Note the following guidelines for this panel:

- On this panel, you may enter up to 27 values for the field at the top of the screen.
- You may also use an asterisk (*) to wild card any one or more of your entries.

Reports Selected Informational Panel

- Press <enter> after all entries have been made to continue to the next panel.

This pop-up panel is purely informational: it lets you know what reports you have selected and created parms for so far. After each job submission the list will start over. Note that you have the option to submit the JCL or to return to the main menu to generate additional reports.

```
----- Adhoc Report Confirmation Panel -----
Option ==>

The report parm has been updated with your FIELD, VALUE
and SORT selections. Press END to add more requests or
press ENTER to submit requests below.

Current active requests...

==> GENERAL REPORT

PF3 = Add more requests   Enter = Submit JCL   PF1 = Help
```

Figure 27. Reports Selected Informational Panel

Note the following guidelines for this panel:

- A maximum of seven unique reports can be created between job submissions, and requests for all seven can be displayed at one time.
- Once you press <enter>, you will either be returned to the main menu or the prepackaged report menu, depending on which type of report you just selected.

Adhoc Reporter: Report Formats and Usage

This chapter contains:

- Custom Report Format examples
- Prepackaged Report Format examples

Custom Report Formats

There are many fields to choose from on the Custom General Report panel. Almost every field that is in the MCF inventory, including element records, can be reported against. The audience for this report is every Endeavor user. The typical usage will range from a list of elements sorted by last action or lines of code to a partial list sorted by current source date.

The following figure displays output from two different general report requests. Note that the data types are the same on both reports, but the output and title are arranged differently:

- The first report example included a sort request for elements (1) and last action (2). Whatever sort order is requested, it is also reflected in the column order of data.
- The second report request used the default sort order. For more information on the sort order defaults see Appendix A: *Field Default Sort Order*.

A D H O C R E P O R T E R 7 . 0				
CUSTOM GENERAL REPORT APPLICATION				
ENVIRONMENT	SYSTEM	SUBSYSTEM	ELEMENT	LAST ACTION
SPAIN	ADHOC	NDVR	ADHP202D	GENERATE
SPAIN	ADHOC	NDVR	ADHP202E	GENERATE
SPAIN	ADHOC	NDVR	ADHP202G	MOVE
SPAIN	ADHOC	NDVR	ADHXINIT	GENERATE
SPAIN	ADHOC	NDVR	ADHX000	GENERATE
SPAIN	ADHOC	NDVR	ADHX000	TRANSFER
SPAIN	ADHOC	NDVR	ADHX000	UPDATE
SPAIN	ADHOC	NDVR	ADHX001	GENERATE
SPAIN	ADHOC	NDVR	ADHX001	TRANSFER

A D H O C R E P O R T E R 7 . 0				
CUSTOM GENERAL REPORT APPLICATION				
ELEMENT	ACTION	ENVIRONMENT	SYSTEM	SUBSYSTEM
ADHP202D	GENERATE	SPAIN	ADHOC	NDVR
ADHP202E	GENERATE	SPAIN	ADHOC	NDVR
ADHP202F	GENERATE	SPAIN	ADHOC	NDVR
ADHP202G	MOVE	SPAIN	ADHOC	NDVR
ADHSAMP	GENERATE	SPAIN	INTERNAL	TESTCASE
ADHS001	ADD	SPAIN	INTERNAL	TESTCASE
ADHS001	GENERATE	SPAIN	ADHOC	NDVR
ADHS001	TRANSFER	SPAIN	CPQA0798	TESTCASE

Figure 28. Effect of Sort Request


```

                                A D H O C   R E P O R T E R   7 . 0
                                C U S T O M   G E N E R A L   R E P O R T   A P P L I C A T I O N

```

ELEMENT	LAST	ENVIRONMENT	SYSTEM	SUBSYSTEM
ADHS001	UPDATE	SPAIN	INTERNAL	ADHOC
ADHTAPE	UPDATE	SPAIN	INTERNAL	ADHOC
ADHXINIT	UPDATE	SPAIN	INTERNAL	ADHOC
ADHX000	UPDATE	SPAIN	ADHOC	NDVR
ADHX002	UPDATE	SPAIN	ADHOC	NDVR

Figure 29. Effect of Limited Search

Note that the third example (Figure 29) used the same fields to construct the report, but limited the output selection to elements with a last action of ‘update’. This type of request would be used to figure out what inventory has been changed versus generated.

To learn more about advanced report building issues, see the last section of this chapter, *Advanced Issues*. For additional information about the fields and options available for Custom

Custom Package Report Format

General reports see Chapter 2, *The ISPF Front End*.

Unlike elements, packages have a life cycle. At various points in the life cycle, different data is available for making decisions. Package status, time stamps, userids, and execution windows are just a few of the fields available for reporting. The following figures show three different examples of General Package reports. Note that all of sorting and selection issues apply to each of the custom reports.

In the examples below, the first report lists packages in approved status, sorted by execution windows. The second report used the default sort order (package id) and lists vital statistics about who created the package and when.

```

MARCH 18, 1999
CUSTOM PACKAGE REPORT APPLICATION
BY EXECUTION WINDOW START DATE

```

EXECUTION WINDOW START DATE	EXECUTION WINDOW END DATE	PACKAGE ID	PACKAGE STATUS	CAST USERID
06/20/98	12/31/99	DAILY091095	APPROVED	CIG01P
06/20/98	12/31/99	DAILY091195	APPROVED	CIG01
11/02/98	12/31/99	EMERPKG0050	APPROVED	CIG01TS
12/05/98	12/31/99	PTF17C	APPROVED	CIG01A
12/05/98	12/31/99	PTF17D	APPROVED	CIG01A

Figure 30. *Example of Custom Package Report*

MARCH 18, 1999		PAGE 001	
PACKAGE REPORT APPLICATION BY PACKAGE ID			
PACKAGE ID	CREATE DATE	CREATE TIME	CREATE USERID

DAILY090598	10/09/98	15:25	CIG01
DAILY091098	10/09/98	15:04	CIG01
DAILY091198	10/09/98	15:05	CIG01
EMERPKG0050	11/02/98	12:40	CIG01TS
MCI1	10/10/98	20:15	CIG01
MOVEPKG1	10/16/98	14:34	CIG01
MOVEPKG2	10/15/98	15:59	CIG01
PTF0017	12/05/98	15:51	CIG01
PTF0017X	01/09/98	13:42	CIG01TS
PTF17A	01/09/98	13:44	CIG01TS
PTF17B	01/09/98	13:46	CIG01TS
PTF17C	12/05/98	18:45	CIG02
TESTPTF14	11/06/98	18:33	CIG01
WEEKLY0100	10/09/98	15:04	CIG01
WEEKLY0200	10/09/98	15:04	CIG01
WEEKLY0300	10/09/98	15:04	CIG01
TOTAL PACKAGE ID(S) = 17			

Figure 31. Example of Package Id by Create Statistics

To learn more about advanced report building issues, see the last section of this chapter, *Advanced Issues*. For additional information about the fields and options available for Custom

Custom Processor Group Report Format

Package reports see Chapter 2, *The ISPF Front End*.

Processors and processor groups are perhaps the most sophisticated and complex aspect of the Endeavor product. Each element is assigned a type (COBOLBAT for example) and then a further classification of a processor group, which will control what happens to the element inside of Endeavor. The audience for Custom Processor Group reports is every Endeavor user. The typical usage will range from a list of processor groups per environment/system/type/stage to a processor symbolic report.

The first example below (Figure 32) is a report that shows all processor groups and where they are defined. Note that defined does not necessarily mean used. The report request included the sort order of processor group (1). The rest of the field positions were defaulted.

```

MARCH 18, 1999
                                CUSTOM PROCESSOR GROUP REPORT APPLICAT
                                BY PROCESSOR NAME
PROCESSOR
NAME      ENVIRONMENT  SYSTEM      ELEMENT    STAGE
*****
*NOPROC*  PROD             FASTLIST   MAC        1
*NOPROC*  PROD             FASTLIST   IMSGS     1
*NOPROC*  PROD             FASTLIST   IPANELS   1
*NOPROC*  PROD             FASTLIST   JCL       1
*
*
*
PGASMG   TEST          SUPPORT    ASM        A
PGASMG   TEST          SYSA      ASM        A
RELATE   TEST          SYSA      ASM        A
RECUR00  TEST          SUPPORT    ASM        A
RECUR00  TEST          SYSA      ASM        A
RELNCMP  TEST          SUPPORT    ASM        A
RELNCMP  TEST          SYSA      ASM        A
SPACE    TEST          SUPPORT    SPACE     A

```

Figure 32. Example of Custom Processor Group Report

In the next example, the user requested a report that shows all processor groups and assigned symbolics. Note that the next figure shows the input panel that generated the request. From this request panel the user would have been prompted with both environment and processor group name entry panel.

```

----- Adhoc Reporter Processor Group Reports-----
Option ==>

The following report fields are available for building custom processor
group reports. Enter 'X' in the Field Name field. Optionally, enter a
numeric value to define sort order, or enter a 'Y' in the Limit Search
field for the Adhoc filter panel.

      Field Sort  Limit      Field Sort  Limit
      Name  Order Search      Name  Order Search
      (X)  (NUM) (Y)          (X)  (NUM) (Y)

Pgrp name  => X => 2 => Y  Next Pgrp      =>  =>  =>
Environment => X =>      => Y  Move Proc      =>  =>  =>
System     => X =>      =>      Generate Proc   =>  =>  =>
Type       =>  =>      =>      Delete Proc     =>  =>  =>
Stage id   =>  =>      =>      Move Proc Type  =>  =>  =>
Move Symb  =>          =>      Xfer Proc Type  =>          =>
Generate Symb =>          =>      Move F.G. Flag  =>          =>
Delete Symb =>          =>      Generate F.G. Flag =>          =>
Proc Desc  =>          =>      Delete F.G. Flag =>          =>

PF3 = End      Enter = Process  PF1 = Help
. . . . .

```

Processor Groups are tied to discrete environments, systems, types, and stages. The symbolics for a processor group may change across the map, so the inventory location is a key piece of report data.

The user only wants to know about certain environments and processor groups. The report that follows this request was limited to the PROD environment and processor groups that start with ASM*.

Figure 33. Request for Processor Group and Symbolic Report

```

MARCH 18, 1999
CUSTOM PROCESSOR GROUP REPORT APPLICATION
BY SYSTEM
SYSTEM      PROCESSOR      PROCESSOR
NAME        GROUP         NAME
*****
FASTLIST    ASM24REN      ASMLINK      PROD      1
FASTLIST    ASM24REN      ASMLINK      PROD      2
FASTLIST    ASM24REN      ASMLINK      PROD      2
FASTLIST    ASM2424R     ASMLINK      PROD      2
FASTLIST    ASM31NRN     ASMLINK      PROD      2
FASTLIST    ASM31REN     ASMLINK      PROD      2

```

Figure 34. Example of Processor Groups and Symbolics

Custom Approver Group Report Format

Note that the processor group names are repeated for multiple entries, but after that the names are slightly different to distinguish the characteristics of the group. In this example, the distinguishing characteristic is the link editor parameters.

Figure 35 shows an example of the list of approvers per approver group, while figure 36 shows the list of approvers per environment. The target audience of this report type will be the managers, production controller, and Endeavor administrators.

```

MARCH 18, 1999
CUSTOM APPROVER GROUP REPORT APPLICATION
BY APPROVER GROUP
APPROVER
GROUP  APPROVERS
*****
MSGTEST1  CIG01  CIGAPLH  CIG04  TAS27  MGTPJJ01
MSGTEST2  CIG01  CIGBETA  TPLSK  TAS27  MGTPJ09
MSGTEST3  CIG01  CIGBETA  TPLKS  TAS27  MGHYTJ00
MSGTEST4  CIG01  CIGFIN   TPKGSG  TAS27  KASDJL01

```

Figure 35. Example of Approver Group Custom Report

```

MARCH 18, 1999
CUSTOM APPROVER GROUP REPORT APPLICATION
BY ENVIRONMENT
ENVIRONMENT  GROUP      APPROVER  LAST UPDATE  LAST UPDATE  QUORUM
USERID      DATE       TIME      COUNT
*****
PROD         TURNOVER  TPS27    15JAN96     10:04       4
PROD         GENTAPE   TPS27    20DEC94     15:15       2
PROD         EMER      TPS27    12OCT94     09:15       2
TEST        MSGTEST   CIG01    15NOV95     10:04       1
TEST        TSTCIG    CIG03    12OCT94     09:15       2
TEST        TSTCIGX   CIG03    15OCT94     08:18       2

```

Figure 36. Example of Approver Group Custom Report

Prepackaged Report Formats

The prepackaged reports menu consists of three primary options:

- The Processor Groups by Usage report
- The Approvers by Usage report
- The Types per Environment and System report

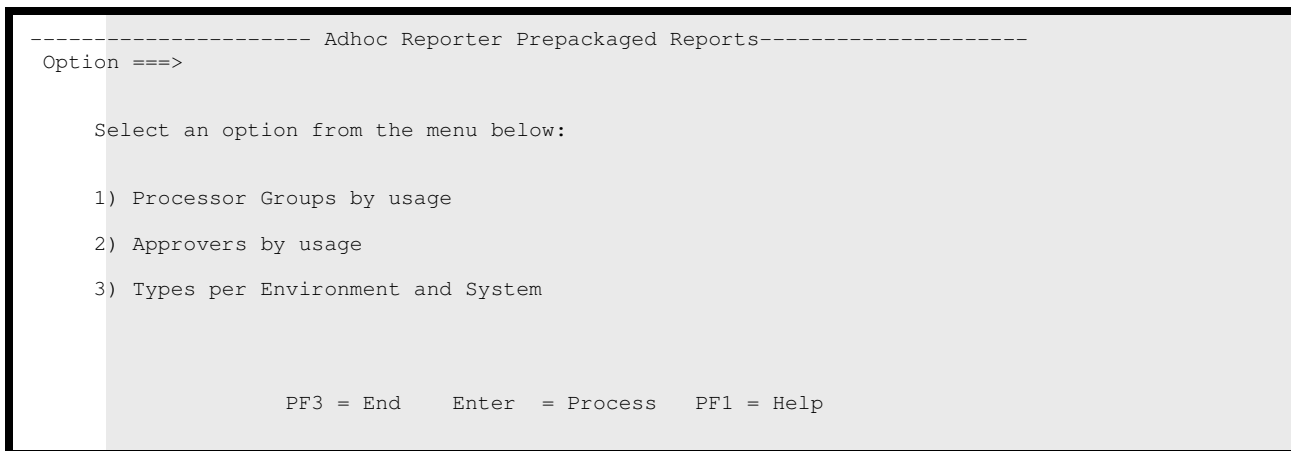


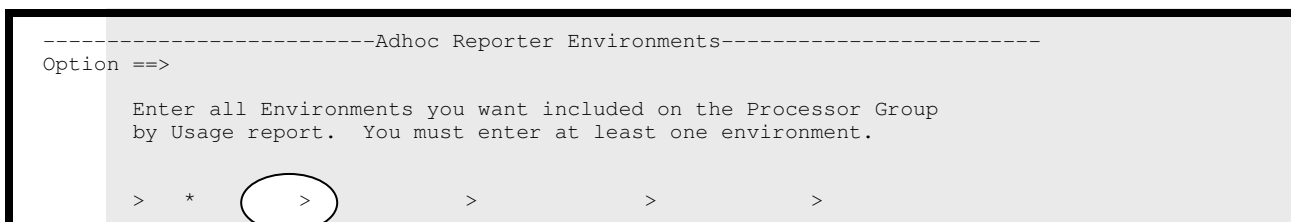
Figure 37. Prepackaged Report Panel

Figure 37 shows the Prepackaged main panel, from which you can select one of three

Processor Groups By Usage Report Format

prepackaged report options.

For a Processor Group by Usage report, select Option 1 from the Prepackaged Report menu and press <enter>. You will be prompted with a filter panel, shown below, where you can enter up to 25 environments to be included on the report.



```

> > > > >
> > > > >
> > > > >
> > > > >

USE '*' FOR WILDCARDING

PF3 = End   Enter = Process  PF1 = Help

```

Figure 38. Adhoc Reporter filter panel

Type an '*' in the first environment field, as shown above, and press <enter>. You will be prompted with the Adhoc Report Confirmation panel, shown below, from which you can:

- return to the pre-packaged menu and select another report
- submit the current JCL for processing

```

----- Adhoc Report Confirmation Panel -----
Opti | Option===>
    |
    | The report parm has been updated with your FIELD, VALUE
    | and SORT selections. Press END to add more requests or
    | press ENTER to submit requests below.
    |
    | Current active requests...
    |
    | ===> PROCESSOR GROUP BY USAGE REPORT
    |
    | PF3 = Add more requests   Enter = Submit JCL   PF1 = Help
    |
    |-----|

```

If you choose to submit the current report JCL, you must go to your system output viewer (e.g., SDSF, IOF, SYSVIEW/E, etc.) to view the report output.

Figure 39 shows the format for the Processor Groups by Usage report. Input to this report comes from processor group records extracted from the database. The target audience for this report is the administrator or implementers in charge of general administration and assignment. This report shows the total number of elements that use various processor groups as well as the percentage.

```

ADHOC REPORTER 7.0
PROCESSOR GROUPS BY USAGE

```

ENVIRONMENT	SYSTEM	PROCESSOR GROUP	TYPE	STAGE	# OF ELEMENTS	MESSAGE
SPAIN	FASTLIST	COMPMSG	MESSAGES	2	2	
SPAIN	FASTLIST	COPYFILE	JCL	2	1	
SPAIN	FASTLIST	COPYFILE	MAC	1	5	

SPAIN	FASTLIST	COPYFILE	MAC	2	11
SPAIN	FASTLIST	DLA1	MAC	1	2
SPAIN	FASTLIST	DLA1	MAC	2	4
SPAIN	FASTLIST	IMPACT	MAC	1	1
SPAIN	FASTLIST	IMPACT	MAC	2	1
SPAIN	FASTLIST	LOCPROC	ASM	1	1
SPAIN	FASTLIST	LOCPROC	ASM	2	1
SPAIN	FASTLIST	MFCNTL	MFCNTL	1	1
SPAIN	FASTLIST	MOVETEST	ASM	1	1
SPAIN	FASTLIST	MOVETEST	ASM	2	1
SPAIN	FASTLIST	PGRP	ASM	1	1
SPAIN	FASTLIST	PGRP	ASM	2	2
SPAIN	FASTLIST	PROCESS	PROCESS	1	35
SPAIN	FASTLIST	PROCESS	PROCESS	2	8
SPAIN	FASTLIST	SCLRET	SCLRET	1	1
SPAIN	FASTLIST	STEVE02	STEVE02	1	1
SPAIN	FASTLIST	TESTPROC	TESTPROC	1	1
SPAIN	FASTLIST	TESTPROC	TESTTYPE	1	3
SPAIN	FASTLIST	TESTPROC	TESTTYPE	2	3
SPAIN	FASTLIST	XIF	ASM	1	1
SPAIN	INTERNAL	□□□□□□□□	TESTLOC	1	2
SPAIN	INTERNAL	*NOPROC*	CONTROL	1	5
SPAIN	INTERNAL	*NOPROC*	CONTROL	2	1
SPAIN	INTERNAL	*NOPROC*	IPGMS	1	1
SPAIN	INTERNAL	*NOPROC*	ISKELS	1	13
SPAIN	INTERNAL	*NOPROC*	JCL	1	763
SPAIN	INTERNAL	*NOPROC*	JCL	2	18
SPAIN	INTERNAL	*NOPROC*	MAC	1	6
SPAIN	INTERNAL	*NOPROC*	MAC	2	2
SPAIN	INTERNAL	*NOPROC*	STEVE255	1	2
SPAIN	INTERNAL	*NOPROC*	STEVE80	1	2
SPAIN	INTERNAL	*NOPROC*	TESTCODE	1	1
SPAIN	INTERNAL	*NOPROC*	TESTCODE	2	7
SPAIN	INTERNAL	*NOPROC*	TESTDATA	1	565
SPAIN	INTERNAL	*NOPROC*	TESTDATA	2	236
SPAIN	INTERNAL	*NOPROC*	TESTLOC	1	3473
SPAIN	INTERNAL	*NOPROC*	TESTLOC	2	2
SPAIN	INTERNAL	ASM31REN	ASM	1	2
SPAIN	INTERNAL	COMPINI	CONTROL	1	1
SPAIN	INTERNAL	STEVEDLA	STEVEDLA	1	2
SPAIN	INTERNAL	VTEST	TESTDATA	1	2
SPAIN	INTERNAL	VTEST	TESTDATA	2	3

Figure 39. Prepackaged Processor Group Usage Report

This report is focused on the processor group name across all environments and systems. One typical use of this report would be to find the various ‘test’ processor groups in the system. To

Approver By Usage Report Format

request more detailed or focused reports about processor, processor groups, and processor types, use the Custom Processor Group report option.

For a Processor Group by Usage report, select Option 1 from the Prepackaged Report menu and press <enter>.

You will be prompted with the Adhoc Report Confirmation panel, discussed previously, from which you can:

- return to the pre-packaged menu and select another report
- submit the current JCL for processing

If you choose to submit the current report JCL, you must go to your system output viewer (e.g., SDSF, IOF, SYSVIEW/E, etc.) to view the report output.

Figure 40 shows the format for the Approver Groups by Usage report. Input to this report comes from approver group records extracted from the database. The primary target of this report would be administrators, consultants, and implementers. One typical usage of the report would be to find all orphaned or duplicate approver groups that are floating around the system.

```

ADHOC REPORTER 7.0
APPROVERS BY USAGE

APPROVER          TOTAL USERS
ID                IN GROUP
CHASE1            3
CHASE2            2
TESTDATA          1
  
```

Figure 40. Example of Approver Group by Usage Report

This report is focused on the approvers across all environments and systems. One typical use of this report would be to find userids that are no longer valid that exist in approver groups. To

Types by Environments and System Report Format

request more detailed or focused reports about approvers and approver groups, use the Custom Approver Group report option.

For this type of report, select Option 3 from the Prepackaged Report menu and press <enter>.

You will be prompted with the Adhoc Report Confirmation panel, discussed previously, from which you can:

- return to the pre-packaged menu and select another report
- submit the current JCL for processing

If you choose to submit the current report JCL, you must go to your system output viewer (e.g., SDSF, IOF, SYSVIEW/E, etc.) to view the report output.

Figure 40 shows the format for the Types by Environment and System report. Page breaks will occur for every new system name. The primary target of this report would be administrators, consultants, and implementers. One typical usage of the report would be to check that all systems had the same type definitions or to gauge an implementation effort.

```

A D H O C   R E P O R T E R   7 . 0
ENDEAVOR TYPES

ENVIRONMENT  SYSTEM  TYPE      STAG
              ID     TYPE DESCRIPTION
SPAIN        ADHOC   ASM       1   ASSEMBLER SOURCE... COPIED FROM ORIGINAL LOCATION
SPAIN        ADHOC   IMSGS     1   ISPF MESSAGES..... CIGT.SPAIN.ISPMLIB1.ADHOC
SPAIN        ADHOC   IMSGS     2   ISPF MESSAGES..... CIGT.SPAIN.ISPMLIB2.ADHOC
SPAIN        ADHOC   INTPGMS   1   REXX (COMMENTS).... CONTAINS COMMENTS: DO NOT SHIP
SPAIN        ADHOC   INTPGMS   2   REXX (COMMENTS).... CONTAINS COMMENTS: DO NOT SHIP
SPAIN        ADHOC   INTSAS    1   SAS (COMMENTS)..... CONTAINS COMMENTS: DO NOT SHIP

TOTAL TYPES IN SPAIN   ADHOC   =   6

SPAIN        CPQA0798  ASM       1   BAL MACROS..... CIGT.SPAIN.SRCLIB1/LOADLIB1
SPAIN        CPQA0798  ASM       2   BAL SOURCE..... CIGT.SPAIN.SRCLIB2/LOADLIB2
SPAIN        CPQA0798  CONTROL   1   CONTROL ELEMENT.... CIGT.SPAIN.INTLLIB1
SPAIN        CPQA0798  CONTROL   2   CONTROL ELEMENT....

TOTAL TYPES IN SPAIN   CPQA0798 =   4

SPAIN        INTERNAL  ASM       1   BAL MACROS..... CIGT.SPAIN.SRCLIB1/LOADLIB1
SPAIN        INTERNAL  ASM       2   BAL SOURCE..... CIGT.SPAIN.SRCLIB2/LOADLIB2
SPAIN        INTERNAL  CONTROL   1   CONTROL ELEMENT.... CIGT.SPAIN.INTLLIB1
SPAIN        INTERNAL  CONTROL   2   CONTROL ELEMENT....
SPAIN        INTERNAL  IPANELS   1   INTERNAL PANELS.... CIGT.SPAIN.INTLLIB1
SPAIN        INTERNAL  IPANELS   2   INTERNAL PANELS....

TOTAL TYPES IN SPAIN   INTERNAL =   6

```

Figure 41. Example of Type Report

Sort Order Selection

Advanced Issues

Each custom report has a default sort order. In general, it correlates with the order of the fields on the screen. Appendix A: *Field Default Sort Order* explains each panel and the default sort order. To change the default order, enter the sort order number in the sort column after selecting the field for display. Valid sort numbers are 1 - 99. Note that altering the sort order will also alter the order in which the columns are displayed. The field chosen for a sort override #1 will be displayed in column one.

```
--- ADHOC REPORTER / GENERAL REPORTS ---
The following report fields are available for building custom general
reports. Enter 'X' next to fields desired, optionally enter a
numeric value to define sort order. Search limit field is optional.

      FIELD SORT  LIMIT          FIELD SORT  LIMIT
      NAME  ORDER SEARCH          NAME  ORDER SEARCH
      (X)  (NUM)  (Y)              (X)  (NUM)  (Y)
ENVIRONMENT =>  => 1  =>          BASE DATE  =>  =>  =>
SYSTEM      =>  =>  =>          BASE TIME  =>  =>  =>
```

Understanding Execution Reports

Figure 42. Typical Input Panel Example

Figure 43 is an example of the list of ddnames that make up the Reporter output stream. The BSTLST ddname is from the Endeavor extraction step. The ADHRPT ddname will always contain the formatted report output.

```
SDSF JOB DATA SET DISPLAY - JOB CIG02D (JOB16808)      LINE 1-7 (7)
COMMAND INPUT ==>
PREFIX=CIG0*  DEST=(ALL)  OWNER=*
NP DDNAME    STEPNAME  PROCSTEP  DSID  OWNER  C  DEST          REC-CNT PAGE-C
JESMSG LG   JES2       2  CIG01  H  LOCAL          20
JESJCL     JES2       3  CIG01  H  LOCAL          112
JESYSMSG   JES2       4  CIG01  H  LOCAL          235
BSTLST     BC1PXTRA   101 CIG01  H  LOCAL          20
>>> ADHRPT  SAS6MCF    108 CIG01  H  LOCAL          1,732
```

Figure 43. Example of Output ddname Display

Report Wrapping

Note that you can include as many fields as you wish in a report request. Due to the width limitation of 132 characters, however, all requested fields may not fit on a single output line. The Reporter will handle this situation by wrapping the columns and data onto the next line, as shown in the example below.

SYSTEM	SUBSYSTEM	TYPE	ELEMENT	STAGE ID	VERSION LEVEL	SOURCE LINES	GENERATE CCID
ADHOC	NDVR	IMSGS	ADHM00	2	01.00	27	ADHCMNTS
SPAIN	ADHOC	NDVR	IMSGS	2	01.00	30	ADH-0223

04/18/1996

Figure 44. Example of Report Wrapping

Appendix A: Field Default Sort Order

FIELD NAME	SORT ORDER	FIELD DESCRIPTION
ENVIRONMENT	1	PROCESSOR GROUP ENVIRONMENT
SYSTEM	2	SYSTEM NAME
TYPE	3	ELEMENT TYPE
PROCESSOR TYPE	4	PROCESSOR TYPE
STAGE ID	5	STAGE
PGRP NAME	6	PROCESSOR GROUP
MOVE PROCESSR	7	MOVE PROCESSOR
XFER PROCESSR	8	TRANSFER PROCESSOR
NEXT PGRP	9	NEXT PROCESSOR GROUP
PROCESSOR DESC	10	PROCESSOR NAME
BACKGROUND FLG	11	BACKGROUND FLAG
PGRP NAME	12	PROCESSOR GROUP NAME
PROCESSOR SYMB	13	PROCESSOR SYMBOLIC

**Custom Approver
Group Report**

FIELD NAME	SORT ORDER	FIELD DESCRIPTION
ENVIRONMENT	1	APPROVER GROUP ENVIRONMENT
STAGE ID	2	STAGE ID
STAGE NAME	3	STAGE NAME
APP. GRP. ENV.	4	APPROVER GROUP ENVIRONMENT
APPROVER GROUP	5	APPROVER GROUP NAME
L. UPD USERID	6	LAST UPDATE USERID
NAME	7	APPROVER GROUP NAME
SITE ID	8	SITE ID
L. UPD DATE	9	LAST UPDATE DATE
L. UPD TIME	10	LAST UPDATE TIME
QUORUM COUNT	11	APPROVER GROUP QUORUM COUNT
APPROVERS	12	APPROVER GROUP APPROVERS

**Custom Package
Report**

TITLE	13	APPROVER GROUP TITLE
-------	----	----------------------

FIELD NAME	SORT ORDER	FIELD DESCRIPTION
SOURCE ENVIRONMENT	1	SOURCE ELEMENT ENVIRONMENT
SOURCE SYSTEM	2	SOURCE ELEMENT SYSTEM
SOURCE SUBSYSTEM	3	SOURCE ELEMENT SUBSYSTEM
SOURCE TYPE	4	SOURCE ELEMENT TYPE
SOURCE ELEMENT	5	SOURCE ELEMENT
TARGET ENVIRONMENT	6	TARGET ELEMENT ENVIRONMENT
TARGET SYSTEM	7	TARGET ELEMENT SYSTEM
TARGET SUBSYSTEM	8	TARGET ELEMENT SUBSYSTEM
TARGET TYPE	9	TARGET ELEMENT TYPE
TARGET ELEMENT	10	TARGET ELEMENT
PACKAGE ID	11	PACKAGE ID
PACKAGE TYPE	12	PACKAGE TYPE
PACKAGE STATUS	13	PACKAGE STATUS
BACKOUT STATUS	14	PACKAGE BACKOUT STATUS
CREATE DATE	15	PACKAGE CREATE DATE
CREATE TIME	16	PACKAGE CREATE TIME
CREATE USERID	17	PACKAGE CREATE USERID
CAST DATE	18	PACKAGE CAST DATE
CAST TIME	19	PACKAGE CAST TIME
CAST USERID	20	PACKAGE CAST USERID
START EX DATE	21	PACKAGE START EXECUTION DATE

START EX TIME	22	PACKAGE START EXECUTION TIME
END EXEC DATE	23	PACKAGE END EXECUTION DATE
END EXEC TIME	24	PACKAGE END EXECUTION TIME
EX WD ST DATE	25	PACKAGE EXECUTION WINDOW START DATE
EX WD ST TIME	26	PACKAGE EXECUTION WINDOW START TIME
EX WD END DATE	27	PACKAGE EXECUTION WINDOW END DATE
EX WD END TIME	28	PACKAGE EXECUTION WINDOW END TIME
SOURCE DELTA DATE	29	SOURCE ELEMENT DELTA DATE
SOURCE DELTA TIME	30	SOURCE ELEMENT DELTA TIME
SOURCE GENERATE DATE	31	SOURCE ELEMENT GENERATE DATE
TARGET DELTA DATE	32	TARGET ELEMENT DELTA DATE
TARGET DELTA TIME	33	TARGET ELEMENT DELTA TIME

Custom General Report

TARGET GENERATE DATE	34	TARGET ELEMENT GENERATE DATE
----------------------	----	------------------------------

FIELD NAME	SORT ORDER	FIELD DESCRIPTION
ENVIRONMENT	1	ELEMENT ENVIRONMENT
SYSTEM	2	ELEMENT SYSTEM
SUBSYSTEM	3	ELEMENT SUBSYSTEM
TYPE	4	ELEMENT TYPE
STAGE	5	ELEMENT STAGE ID
VER. LVL.	6	ELEMENT VERSION AND LEVEL
ELEMENT	7	ELEMENT NAME
SOURC LINES	8	ELEMENT SOURCE LINES
CCID	9	ELEMENT CCID
LAST ACTION	10	ELEMENT LAST ACTION
MOVE DATE	11	ELEMENT MOVE DATE
MOVE TIME	12	ELEMENT MOVE TIME
BASE DATE	13	ELEMENT BASE DATE
BASE TIME	14	ELEMENT BASE TIME
BASE USERID	15	ELEMENT BASE USERID
CURRENT DATE	16	ELEMENT CURRENT DATE
CURRENT TIME	17	ELEMENT CURRENT TIME
CURRENT USERID	18	ELEMENT CURRENT USERID
GENERATE DATE	19	ELEMENT GENERATE DATE
GENERATE TIME	20	ELEMENT GENERATE TIME
GENERATE USRID	21	ELEMENT GENERATE USERID
L. ACTION DATE	22	ELEMENT LAST ACTION

		DATE
L. ACTION TIME	23	ELEMENT LAST ACTION TIME
SIGNOUT ID	24	ELEMENT SIGNOUT ID
PROC. FAIL FLG	25	ELEMENT PROCESSOR FAIL FLAG
PROC. RET. COD	26	ELEMENT PROCESSOR RETURN CODE
RETRIEVE TO	27	ELEMENT RETRIEVE TO DATASET NAME

INDEX

—A—

Acknowledgement Panel, 15
Ad hoc Reporter Main Menu, 6
ADHRPT, 3, 10, 17
Advanced Issues, 51, 53, 61
App. Grp. Env., 38
Approver By Usage Report Format, 58
Approver Group, 37, 38
Approver Group by Usage Report, 59
Approvers, 38, 40

—B—

Backout Status, 27
Base Date, 23
Base Time, 24
Base Userid, 24

—C—

Cast Date, 28
Cast Time, 28
Cast Userid, 28
CCID, 23, 46
CCID Limits Panel, 46
Create Date, 27
Create Time, 27
Create Userid, 27
Current Date, 24
Current Time, 24
Current Userid, 24
Custom Approver Group report, 3
Custom Approver Group Report Format, 55
Custom Approver Group Reports Panel, 37
Custom General report, 2, 3, 5
Custom General Report, 11
Custom General Report Acknowledgement
Panel, 7
Custom General Report Format, 49
Custom General Report SDSF Output Job,
10
Custom General Reports panel, 6

Custom General Reports Panel, 6, 21
Custom Package report, 2, 3, 13
Custom Package Report, 18, 51, 53
Custom Package Report Format, 51
Custom Package Report SDSF Output Job
Example, 17
Custom Package Reports Panel, 14, **26**
Custom Processor Group report, 3
Custom Processor Group Report Format, 53
Custom Processor Group Reports Panel, 34
Custom Report Formats, 49
Customized Package report, 12

—D—

Date Limits Panel, 43, 44
default sort order, 4
Delta Date, 31, 33
Delta time, 31, 33
Delta Time, 31

—E—

Effect of Limited Search, 51
Effect of Sort Request, 49
Element, 22, 31, 33
element records, 49
End Exec Date, 28
End Exec Time, 28
Environment, 22, 30, 32, 35, 38, 40
Ex Wd End Date, 29
Ex Wd End Time, 29
Ex Wd St Date, 28
Ex Wd St Time, 28
Example 1, 5
Example 2, 11
Example of Approver Group Custom
Report, 55
Example of Custom Processor Group
Report, 54
Example of Output ddname Display, 61
Example of Processor Groups and
Symbolics, 55

Execution Reports, understanding, 61
Exit the Reporter, 9, 16

—F—

Field Default Sort Order, 63
Field Default Sort Order, Custom Approver
Group Report, 64
Field Default Sort Order, Custom General
Report, 66
Field Default Sort Order, Custom Package
Report, 64
Field Default Sort Order, Custom Processor
Group Report, 63
Field Name, 21, 26, 30, 32, 34, 37
Foreground FLG, 36
Front end, Ad hoc Reporter, 20

—G—

Generate Date, 24, 31, 33
Generate Time, 24
Generate Userid, 24
Getting Started and Usage Notes, 3

—J—

JCL, 2, 3, 4, 5, 9, 15, 16
JCL Panel, 9, 16, 41

—L—

L. Action Date, 25
L. Action Time, 25
L. UPD Date, 38
L. UPD Time, 38
L. UPD Userid, 39
Last Action, 23
Limit Search, 21, 26, 30, 32, 34, 37

—M—

main menu, 3, 5, 7, 9, 13, 15, 16
Main Menu, 20
Move Date, 23
Move Processor, 35
Move Time, 23

—N—

Name, 21, 26, 30, 32, 34, 37
Next PGRP, 35

—O—

Overview, 2

—P—

Package id, 27
Package Id by Create Statistics, 53
Package Status, 27
PGRP NAME, 35
Prepackaged Processor Group Usage Report,
58
Prepackaged Report Formats, 56
Prepackaged Report Panel, 56
prepackaged reports, 40
Prepackaged Reports Panel, 40
Proc. Fail FLG, 25
Proc. Ret. Cod, 25
Processor, 25, 34, 36, 40
Processor Groups By Usage Report Format,
56

—Q—

Quorum Count, 39

—R—

Report Examples, 5
Report Limits Panel, 43
Report Wrapping, 62
Reports Selected Informational Panel, 46, 47
Request for Processor Group and Symbolic
Report, 54
Retrieve to, 23

—S—

Signout id, 23
sort order, 4, 6, 14
Sort Order, 21, 26, 30, 32, 34, 37
Sort Order Selection, 61
Source Level, 27, 29
Source Lines, 23

Stage, 22, 35, 38

Start Ex Date, 28

Start Ex Time, 28

Submit the job, 15

Subsystem, 22, 30, 33

System, 22, 30, 32, 35, 40

—T—

Target Level, 27, 31

Target Level Package Panel, 31, 32

Time Limits Panel, 44, 45

Title, 39

Type, 22, 27, 30, 33, 35, 36

Type Report, 60

Types by Environments and System Report
Format, 59

—U—

Usage Notes, 3

—V—

Ver. Lvl., 23

View the report, 9

—X—

Xfer Processr, 35, 36
