

CIMS Lab, Inc.



CIMS Chargeback Report Writer Sample Reports for MVS

Version 2.8.0

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Billing Reports Follow

Billing Reports

Overview

CIMS standard billing reports are generated by programs CIMSBILL and CIMSCICS. The CIMSBILL reports are:

Invoice Report

Zero Cost Report

Job Cost Report

MVS Batch Detail Report

The report generated by CIMSCICS is:

CICS® Detail Report

Following are examples of these reports, which are generated using different combinations of CIMSBILL Control Records. The first four reports are specified by editing members **BILLCTL1** and **BILLCTL2** in dataset CIMS.DATAFILE.

The CICS report is generated by program CIMSCICS and is specified by editing member **CICSINPT** in dataset CIMS.DATAFILE.

The examples assume that member CIMSRATE contains rate records for the billable items shown and that CIMSCLNT was used to create CLIENT Information.

A superset of the information contained in these reports can be written to the CIMS Resource File.

The CIMS Resource File and CIMS Report Writer may be used to present this data in various formats.

INVOICE REPORT

To create an Invoice Report similar to the example on the page below, prepare the following control records:

CONTROL RECORDS

1. INVOICE REPORT (DEFAULT)
2. DEFINE J1 22 2 /COMPANY/
 DEFINE J2 22 5 /DIVISION/
3. SEQUENCE FIELDS J1 J2
4. INVOICE NUMBER 25
5. INVOICE DATE **CURMON

CONTROL RECORDS EXPLANATION

The following descriptions correspond to the numbered control record statements above.

1. An Invoice Report is specified.
2. Field ID's J1 & J2 are defined as Company, Division. CIMS accounting data starts at position 22 of the CIMSACCT record.
3. Control breaks are requested for each change in Company (J1) & Division (J2).
4. The starting invoice number is 25
5. **CURMON Generates Billing From & To Dates for the current month.

RATE TABLE

CIMS Rate Table "CIMS.DATFILE(CIMSRATE)" contains the appropriate RATE records for this invoice. These records are processed through program CIMSRTLTD.

EXTERNAL TRANSACTIONS

External Transactions were processed by program CIMSACCT for Personnel Charges and Other Charges.

CLIENT FILE

Client AABBB is entered into the CIMS Client File via program CIMSCLNT.

All other control records were left as defaulted. The last invoice generated is a Total Invoice.

NOTE:

An Invoice Report is ALWAYS generated regardless of the Control Record defined. To suppress the Invoice Report, issue the following statement:

```
//CIMSINVC DD DUMMY,DCB=BLKSIZE=133
```


CIMSBILL

Invoice Report

ACCOUNT NUMBER AABBB

INVOICE NUMBER 00025
BILLING PERIOD 1/1/96 - 1/31/96

MIDWEST DISTRIBUTION FACILITY
23 MICHIGAN AVENUE
CHICAGO, IL 60609

ATTN: CHARLES ROAST

	TOTALS	RATE	CHARGE
JOB PROCESSED	106	2.00	212.00
JOB STEPS PROCESSED	848	.50	424.00
MVS BATCH CPU MINUTES	185.15	30.00	5,554.50
MVS TSO CPU MINUTES	397.69	36.00	14,316.84
MVS CPU CHARGES			\$ 20,507.34
DISK SIO'S	229,518	.43/M	98.69
DISK STORAGE TRACK/DAYS	45,000	.015	675.00
TAPE SIO'S	82,332	.50/M	41.17
TAPE STORAGE (TAPES)	35	2.00	70.00
TSO GETS	1,581	10.00/M	15.81
TSO PUTS	8,745	10.00/M	87.45
MVS INPUT/OUTPUT CHARGES			\$ 988.12
LINE PRINTED	125,681	1.25/M	157.10
PAGE PRINTED	2,667	10.00/M	26.67
STATEMENT FORMS PRINTED	1,065	0.02	21.30
CHECK FORMS PRINTED	3,625	0.05	181.25
PRINTING CHARGES			\$ 386.32
CICS TRANSACTIONS	211,120	0.01	2,111.20
CICS CPU TIME (MINUTES)	15.00	45.00	675.00
CICS FILE ACCESS CALLS	560,000	1.00/M	560.00
CICS ON-LINE CHARGES			\$ 3,346.20
DB2 RECORDS PROCESSED	65,000	0.015	975.00
DB2 CPU TIME (MINUTES)	465.12	15.00	6,976.80
DB2 ENTRY/EXIT EVENTS	31,500,000	0.10/M	3,150.00
DB2 CHARGES			\$ 11,101.80
SYSTEM ANALYST HOURS	176	37.50	6,600.00
PROGRAMMER HOURS	100	32.50	3,250.00
DATA ENTRY HOURS	125	17.50	2,187.50
PERSONNEL CHARGES			\$ 12,037.50
PERSONAL COMPUTERS	10	135.00	1,350.00
COMMUNICATIONS LINES	5	75.00	375.00
SOFTWARE LICENSE FEES	1,500	-----	1,500.00
AIR MOLECULES TO BREATHE	1,000	0.00	N/C
OTHER CHARGES			\$ 3,225.00
AMOUNT DUE			\$ 51,592.28

UNDER BUDGET BY \$35,000

ZERO COST CENTER INVOICE REPORT

To create a Zero Cost Center Invoice (For Rate Determination) similar to the example below, prepare the following control records:

CONTROL RECORDS

1. ZERO COST REPORT 100000 A
2. DEFINE J1 22 2 /COMPANY/
DEFINE J2 22 5 /DIVISION/
3. * SEQUENCE FIELDS J1 J2
4. INVOICE DATE **CURMON

CONTROL RECORDS EXPLANATION

The following descriptions correspond to each numbered control records statement opposite.

1. A ZERO COST INVOICE is specified with the Total Amount Billed to be adjusted to equal \$100,000.
 $(\$51,592.28 * 1.93827448 = \$100,000)$
Each invoice will be adjusted by the zero cost factor.
If Zero Cost Option B was specified, then each billing rate would be adjusted so that the Total invoice equaled \$100,000.
2. Field ID's J1 & J2 are defined as Company and Division within the user's account code.
3. Since only a Total Invoice is desired, the sequence fields record is commented.
One invoice is generated before and one invoice is generated after the Zero Cost Calculation.
4. **CURMON Generates billing From & To Dates.

CIMSBILL

Zero Cost Report

*****R-U-N..T-O-T-O-L*****

BILLING PERIOD 1/1/96 - 1/31/96

GRAND TOTAL INVOICE	TOTALS	RATE	CHARGE
JOBS PROCESSED	106	\$ 2.00	\$ 212.00
JOB STEPS PROCESSED	848	\$.50	\$ 424.00
MVS BATCH CPU MINUTES	185.15	\$.30.00	\$.5,554.50
MVS TSO CPU MINUTES	397.69	\$.36.00	\$.14,316.84
MVS CPU CHARGES			\$ 20,507.34
DISK SIO'S	229,518	\$.43/M	\$ 98.69
DISK STORAGE TRACK/DAYS	45,000	\$.015	\$.675.00
TAPE SIO'S	82,332	\$.50/M	\$ 41.17
TAPE STORAGE (TAPES)	35	\$ 2.00	\$ 70.00
TSO GETS	1,581	\$.10.00/M	\$.15.81
TSO PUTS	8,745	\$.10.00/M	\$.87.45
MVS INPUT/OUTPUT CHARGES			\$ 988.12
LINES PRINTED	125,681	\$ 1.25/M	\$ 157.10
PAGES PRINTED	2,667	\$.10.00/M	\$.26.67
STATEMENT FORMS PRINTED	1,065	\$.02	\$.21.30
CHECK FORMS PRINTED	3,625	\$ 0.05	\$ 181.25
PRINTING CHARGES			\$ 386.32
CICS TRANSACTIONS	211,120	\$ 0.01	\$ 2,111.20
CICS CPU TIME (MINUTES)	15.00	\$ 45.00	\$ 675.00
CICS FILE ACCESS CALLS	560,000	\$ 1.00/M	\$ 560.00
CICS ON-LINE CHARGES			\$ 3,346.20
DB2 RECORDS PROCESSED	65,000	\$ 0.015	\$ 975.00
DB2 CPU TIME (MINUTES)	465.12	\$ 15.00	\$ 6,976.80
DB2 ENTRY/EXIT EVENTS	31,500,000	\$ 0.10/M	\$ 3,150.00
DB2 CHARGES			\$ 11,101.80
SYSTEM ANALYST HOURS	176	\$ 37.50	\$ 6,600.00
PROGRAMMER HOURS	100	\$ 32.50	\$ 3,250.00
DATA ENTRY HOURS	125	\$.17.50	\$.2,187.50
PERSONNEL CHARGES			\$ 12,037.50
PERSONAL COMPUTERS	10	\$135.00	\$ 1,350.00
COMMUNICATIONS LINES	5	\$.75.00	\$.375.00
SOFTWARE LICENSE FEES	1,500	-----	\$.1,500.00
AIR MOLECULES TO BREATHE	1,000	\$ 0.00	\$ N/C
OTHER CHARGES			<u>\$ 3,225.00</u>
AMOUNT DUE			\$ 51,592.28
ZERO COST FACTOR			1.93827448
NEW AMOUNT DUE			\$100,000.00

JOB COST REPORT

To create a Job Cost Report similar to the example on the page below, prepare the following control records:

CONTROL RECORDS

1. JOB COST REPORT
2. DEFINE J1 22 2 /COMPANY/
DEFINE J2 22 5 /DIVISION/
3. SEQUENCE FIELDS J1 J2 JY
4. TOP OF FORM ON FIELD J2

CONTROL RECORDS EXPLANATION

The following descriptions correspond to each numbered control records statement opposite.

1. A JOB COST Report is specified.
2. Field ID's J1 & J2 are defined as Company and Division within the user's account code.
3. Field ID JY is a summary by job. Regardless of the number of times a job was run, only one summarized print line will be generated.

Instead of JY, you may specify JZ. Field ID JZ shows each job processed during the billing period. If a job ran 30 times in a month, then 30 print lines will be generated.

4. The TOP OF FORM ON FIELD J2 specifies that a new print page is to be started after printing totals for field id J2.

CIMSBILL

Job Cost Report

JOB NAME	RUN DATE	START TIME	STEPS	CPU COST	TAPE I/O COST	DISK I/O COST	OTHER I/O COST	CARD INPUT	CARD OUTPUT	PRINT COST	RESOURCE COST	JOB COST
AAA10021	01/01/96	16.18.03	2	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$0.00	\$0.00	\$67.61	\$ 0.00	\$ 67.61
ABC1FB	01/01/96	6.17.22	1	\$ 5.82	\$ 0.00	\$ 1.41	\$ 3.05	\$0.25	\$0.00	\$ 0.61	\$ 7.49	\$ 18.63
ABC1FP	01/01/96	6.19.24	1	\$ 4.39	\$ 0.00	\$ 1.06	\$ 2.29	\$0.11	\$0.00	\$ 0.56	\$ 6.06	\$ 14.47
ABC1FT	01/01/96	6.18.34	1	\$ 4.42	\$ 0.00	\$ 1.06	\$ 2.29	\$0.34	\$0.00	\$ 0.56	\$ 6.09	\$ 14.76
ABC1	01/01/96	6.13.03	1	\$ 9.84	\$ 0.00	\$ 0.00	\$ 0.71	\$0.00	\$0.00	\$ 0.65	\$ 11.51	\$ 22.71
ABC1B	01/01/96	6.14.02	3	\$227.71	\$ 0.00	\$20.19	\$ 43.67	\$0.96	\$0.00	\$ 3.33	\$928.94	\$1224.81
ABC1P	01/01/96	6.15.16	2	\$203.02	\$ 0.00	\$ 9.45	\$20.43	\$0.95	\$0.00	\$ 0.91	\$651.31	\$ 886.07
BCA	01/01/96	6.23.14	1	\$ 26.67	\$ 0.00	\$ 0.05	\$ 2.68	\$0.00	\$0.00	\$ 0.49	\$ 28.34	\$ 58.23
BCABILLR	01/01/96	6.28.38	1	\$335.68	\$ 0.00	\$ 4.88	\$10.56	\$0.01	\$0.00	\$ 5.43	\$869.48	\$1226.04
DCB	01/01/96	6.04.42	1	\$ 18.35	\$ 0.00	\$ 0.05	\$ 1.40	\$0.00	\$0.00	\$ 0.53	\$ 20.02	\$ 40.35
DCB6979B	01/01/96	6.17.54	6	\$ 9.78	\$ 0.00	\$ 0.94	\$ 2.04	\$0.12	\$0.00	\$ 9.00	\$ 14.96	\$ 36.84
DCB6979X	01/01/96	6.21.26	5	\$ 7.31	\$ 0.00	\$ 0.09	\$ 0.21	\$1.15	\$0.00	\$10.61	\$ 10.89	\$ 30.26
TRAC	01/01/96	6.11.10	1	\$ 9.95	\$ 0.00	\$ 0.00	\$ 0.69	\$0.00	\$0.00	\$ 0.29	\$ 11.62	\$ 22.55
TRACKGEN	01/01/96	6.21.08	1	\$ 0.32	\$ 0.00	\$ 0.00	\$ 0.00	\$0.05	\$2.63	\$ 1.20	\$ 1.99	\$ 6.19
WWKPINSV	01/01/96	11.45.47	1	\$200.50	\$ 0.03	\$29.24	\$ 63.31	\$7.92	\$0.00	\$ 0.00	\$519.30	\$ 820.30

.....

ACCOUNT CODE	TOTAL COST	CPU COST COST	TAPE COST	DISK COST	OTHER I/O COST	CARD INPUT COST	CARD OUTPUT COST	PRINTER COST	RESOURCE COST	EXTERNAL COST
AABBB	\$6674.26	\$1546.30	\$7.53	\$98.33	\$187.64	29.24	\$12.63	\$121.62	\$4578.85	\$92.12

MVS BATCH DETAIL REPORT

To create a Billing Detail Report similar to the example on the page below, prepare the following control records:

CONTROL RECORDS

1. DETAIL REPORT
2. DEFINE J1 22 2 /COMPANY/
DEFINE J2 22 5 /DIVISION/
3. SEQUENCE FIELDS J1 J2

CONTROL RECORDS EXPLANATION

The following descriptions correspond to each numbered control records statement opposite.

1. A Billing Detail Report is specified.
2. Field ID's J1 & J2 are defined as Company and Division within the user's account code.
3. The report shows each job step of every job. Control totals are generated for each change in J1 & J2.

CIMSBILL

MVS Batch Detail Report

START DATE MM/DD/YY	START TIME HH.MM.SS	JOB NAME	PROGRAM NAME	CPU TIME SSSS.SS	RESOURCE UNITS SSSS.SS	TOTAL SIO	DISK SIO	TAPE SIO	3375 SIO	3380 SIO	3390 SIO	* C U UNITS
01/01/96	2.57.22	CIMSOAD21	DFSRRCC00	0.01	0.01	6	6	0	6	0	0	1.0000
01/01/96	2.57.19	CIMSOAD21	IEHPROGM	0.00	0.00	0	0	0	0	0	0	1.0000
01/01/96	2.54.33	CIMSOAD21	IDCAMS	0.02	0.02	0	0	0	0	0	0	1.0000
01/01/96	2.57.01	CIMSOAD21	IDCAMS	0.03	0.03	0	0	0	0	0	0	1.0000
01/07/96	1.30.22	SMFACTG0	IEFBRI4	0.00	0.00	0	0	0	0	0	0	1.0000
01/07/96	1.30.53	SMFACTG1	IFASMFDP	0.09	0.09	2433	2433	0	2433	0	0	1.0000
01/07/96	1.30.52	SMFACTG1	IEFBRI4	0.00	0.00	0	0	0	0	0	0	1.0000
01/07/96	1.32.13	SMFACTG2	SORT	0.08	1.38	642	642	0	0	642	0	11.0000
01/07/96	1.32.57	SMFACTG2	CIMSDATA	0.03	0.03	51	51	0	0	51	0	1.0000
01/07/96	1.32.50	SMFACTG2	SORT	0.01	0.09	164	164	0	0	164	0	6.0000
01/07/96	1.33.11	SMFACTG2	CIMSACCT	0.03	0.03	102	102	0	0	102	0	1.0000
01/07/96	1.36.55	SAVE#SMF	SORT	0.00	0.00	15	15	0	0	15	0	1.0000
01/07/96	1.36.47	SAVE#SMF	SORT	0.01	0.01	37	37	0	0	37	0	1.0000
01/07/96	1.33.87	SAVE#SMF	IEBGENER	0.09	0.09	2435	1218	1217	1218	0	0	1.0000
01/07/96	1.37.09	SAVE#SMF	TMS6259A	0.00	0.00	8	8	0	0	8	0	1.0000
01/07/96	1.37.01	SAVE#SMF	TMS6259A	0.00	0.00	8	8	0	0	8	0	1.0000

SUMMARY INFORMATION PRINTED FOR CHANGE IN DEPARTMENT CODE

DATA VALUE IS AABBB

	JOB	STEPS	CPU TIME	RESOURCE	TOTAL SIO	DISK SIO	TAPE SIO	3375 SIO	3380 SIO	3390 SIO	DD* & DATA
TOTALS	10	40	219.64	2838.77	129,074	127,750	1,324	8,424	119,326	1,324	159
RATES	0.50	0.20	20.00	3.34	0.50/M	0.43/M	0.43/M	0.43/M	0.43/M	0.43/M	0.75/M
CHARGES	5.00	8.00	4,392.95	9,462.59	64.54	54.93	0.57	3.62	51.31	0.57	0.12

	CARDS	LINES	PAGES	PUNCH TIME	PRINT TIME
TOTALS	134	112,526	1,467	1.00	76.24
RATES	0.75/M	0.75/M	0.01		
CHARGES	0.10	84.39	14.67		

COMPUTER RESOURCE CHARGES = \$ 14,143.36 OTHER CHARGES = \$ 795.60 TOTAL CHARGES = \$ 14,938.96

CICS DETAIL REPORT

Program CIMSCICS generates the CICS detail report shown below and creates transactions for input into program CIMSBILL.

Additional CICS reports are available from the CIMS Report Writer System.

CONTROL RECORDS

1. TRANSACTION DATE **CURDAY
2. PRIME SHIFT 08.00 17.00
3. WEEKENDS ARE NON-PRIME
4. NON-PRIME DAY 93001
5. NON-PRIME DAY 93359
6. REPORT TOTALS WHEN ACCOUNT CODE CHANGES
7. PRINT EACH TRANSACTION

CONTROL RECORDS EXPLANATION

The following descriptions correspond to each numbered control records statement opposite.

1. Places the CURRENT date into each billing transaction record.
2. Specifies the PRIME processing shift as 8 a.m. to 5 p.m. All other processing is considered NON-PRIME.
3. Specifies that all processing on Saturdays and Sundays is billed at NON-PRIME Rates.
4. All CICS processing on New Years Day 1996 is billed at NON-PRIME Rates.
5. All CICS processing on Christmas Day 1996 is billed at NON-PRIME Rates.
6. Totals are reported for each change in ACCOUNT CODE.
7. Specifies detail for each transaction to be printed.

CIMSBILL

CICS Detail Report

ACCOUNT CODE	TERM ID	TRAN ID	OPR ID	D A T E YY/MM/DD	TRANS COUNT	MESSAGE COUNT	TRANS T I M E SECONDS	TRANS T I M E SECONDS	C P U T I M E SECONDS	C P U T I M E SECONDS	INPUT COUNT	OUTPUT COUNT	ACCESS COUNT
AABBB	0211	RA02	***	96/01/02	17	49	3.412	0.200	2.333	0.137	16	33	0
AABBB	0211	RD01	***	96/01/02	8	28	1.560	0.195	0.864	0.108	10	18	0
AABBB	0211	RY01	***	96/01/02	20	64	6.274	0.313	3.130	0.156	20	44	0
AABBB	0211	R601	***	96/01/02	4	11	0.841	0.210	0.604	0.151	3	8	0
AABBB	0211	R700	***	96/01/02	1	2	0.298	0.298	0.071	0.071	1	1	0
AABBB	0241	LC21	***	96/01/02	34	68	10.377	0.305	8.621	0.253	34	34	0
AABBB	0261	R700	***	96/01/02	1	2	0.246	0.246	0.145	0.145	1	1	0
AABBB	027B	LC32	***	96/01/02	1	2	0.322	0.322	0.141	0.141	1	1	0
AABBB	027D	LC32	***	96/01/02	10	21	0.805	0.180	1.258	0.125	11	10	0
AABBB	0271	LC32	***	96/01/02	90	314	19.330	0.214	9.764	0.108	88	226	0
AABBB	0279	LC32	***	96/01/02	6	15	1.859	0.309	0.419	0.069	9	6	0
AABBB	0341	R100	***	96/01/02	9	18	2.235	0.248	1.822	0.202	9	9	0
AABBB	0341	R200	***	96/01/02	18	36	6.317	0.350	5.283	0.298	18	18	0
AABBB	0341	R600	***	96/01/02	12	24	3.477	0.289	2.888	0.240	12	12	0
AABBB	0352	LC37	***	96/01/02	2	4	0.712	0.356	0.308	0.154	2	2	0
AABBB	0352	LC39	***	96/01/02	3	6	1.222	0.407	0.490	0.163	3	3	0
AABBB	0354	LC37	***	96/01/02	6	11	1.934	0.322	0.655	0.109	5	6	0
AABBB	0354	LC39	***	96/01/02	24	48	3.699	0.154	2.653	0.110	24	24	0
AABBB	0411	LC39	***	96/01/02	5	9	0.642	0.128	0.494	0.098	4	5	0
AABBB	0411	RA01	***	96/01/02	20	38	3.930	0.196	2.598	0.129	18	20	0
AABBB	0411	RA02	***	96/01/02	20	45	3.020	0.151	2.512	0.125	25	20	0
AABBB	0411	RD01	***	96/01/02	9	19	2.788	0.309	1.012	0.112	10	9	0
AABBB	0411	R100	***	96/01/02	41	86	7.521	0.183	5.148	0.125	45	41	0
AABBB	0411	R200	***	96/01/02	25	56	5.667	0.226	3.750	0.150	31	25	0
AABBB	0411	R600	***	96/02/02	16	33	2.758	0.172	2.062	0.128	17	16	0
AABBB	0411	R601	***	96/02/02	13	25	2.028	0.156	1.642	0.126	12	13	0
AABBB	0411	R700	***	96/02/02	10	23	3.340	0.334	1.237	0.123	13	10	0
AABBB	R209	R209	***	96/02/02	3	75	8.715	2.905	4.995	1.665	0	75	0
AABBB	R609	R609	***	96/02/02	5	72	10.447	2.089	5.130	1.026	0	72	0
AABBB	SYSL	SYSL	***	96/02/02	47	0	4.025	0.085	1.740	0.037	0	0	0

SUMMARY INFORMATION PRINTED FOR CHANGE IN ACCOUNT CODE AABBB

TRANSACTION	C P U T I M E	TRANS COUNT	INPUT MESSAGES	OUTPUT MESSAGES	MESSAGE COUNT	FILE ACCESS COUNT
TOTALS	12.167	2,169	1,941	2,767	4,708	45
PRIME-RATES	.1800	.5000000	.6000000	.7000000	.8000000	.0075000
CHARGES	2.19	72.42	1,084.50	1,164.60	3,766.40	.34

TOTAL AMOUNT = \$8,027.35

Resource Reports Follow

Resource Reports

Overview

CIMS Resource Reports are generated by CIMS Report Writer, which is a powerful and easy to use report generation product.

CIMS Report Writer gives the user access to the wide variety of information contained in the various records and files generated by the CIMS Chargeback System.

Each CIMS record has been defined to the CIMS Report Writer.

CIMS includes multiple pre-defined reports that have been written using CIMS Report Writer. This manual provides a printed sample of selected reports.

CIMS Report Writer allows the user to modify the CIMS pre-defined reports and to create new reports.

This manual is organized as follows:

Even Pages - Left Column	Report Description
Even Pages - Right Column	CIMS Report Writer Control Statements that were used to create the report
Odd Pages	CIMS Report Writer Report Example

CIMS Report Writer Job Control (JCL), Control Statements, and Record Definitions are all contained in the partitioned dataset CIMS.REPTLIB. This dataset is distributed with CIMS.

Member CIMS.REPTLIB(AALEGEND) lists CIMS reports by report number and describes the contents of each member contained in CIMS.REPTLIB.

RELATED DOCUMENTATION

CIMS Report Writer is documented in a separate manual titled *CIMS Report Writer Users Guide and Reference Manual*. Please refer to this manual for detailed information about each CIMS Report Writer control statement.

Resource Reports

Following is a list of the CIMS Report Writer reports that are contained in this Report Manual. The **most current list** of CIMS Pre-Defined reports is contained in member **AALEGEND** in CIMS.REPTLIB.

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MVS Reports

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SPWTR017 DAILY UTILIZATION REPORT	44
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REPORT DESCRIPTION

The Control Statements for this report are found in member:

CIMS.REPTLIB(SPWTR001).

ACCOUNT CODE SUMMARY REPORT BY SUB SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY ACCOUNT CODE, SUB SYSTEM ID
- COLUMNS INCLUDE: ACCOUNT CODE

SUB SYSTEM ID
ELAPSED TIME
TOTAL CPU TIME
TCB CPU
SRB CPU
INITIATOR TCB CPU
INITIATOR SRB CPU
DISK SIOS
TAPE SIOS

- CONTROL BREAK ON SUB SYSTEM ID, ACCOUNT CODE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ')
TITLE: 'ACCOUNT CODE' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY ' PAGE' #PAGENUM
TITLE: / 'ACCOUNT CODE REPORT' /
COMPUTE: JOBS = WHEN(CIMRC030-STEP-NUMBER = 001) ASSIGN(1)
COMPUTE: TCB = CIMRC030-STEP-TCBCPU-TIME
COMPUTE: SRB = CIMRC030-STEP-SRBCPU-TIME
COMPUTE: ITCB = CIMRC030-CPU-ITCB
COMPUTE: ISRB = CIMRC030-CPU-ISRB
COMPUTE: TOTAL-CPU-TIME = TCB + SRB + ITCB + ISRB
COMPUTE: TOTAL-ICPU-TIME = ITCB + ISRB
COLUMNS: CIMRC030-ACT1('ACCOUNT')
          CIMRC030-SMF30WID('SUB-ID')
          JOBS('JOBS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZZ9.99' 'DURATION|HHH.HH')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|SSS.SS')
          TCB(PIC'ZZZZZZZZ9.99' 'TCB CPU|SSS.SS')
          SRB(PIC'ZZZZZZZZ9.99' 'SRB CPU|SSS.SS')
* TOTAL-ICPU-TIME(PIC'ZZZZZZ9.99' 'ITOT CPU|SSS.SS')
  ITCB(PIC'ZZZZZZZZ9.99' 'ITCB CPU|SSS.SS')
  ISRB(PIC'ZZZZZZZZ9.99' 'ISRB CPU|SSS.SS')
* CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
  CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
  CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-ACT1 CIMRC030-SMF30WID
BREAK: CIMRC030-SMF30WID
      TOTAL(CIMRC030-ACT1
            CIMRC030-SMF30WID)
      FOOTING(' ')
BREAK: CIMRC030-ACT1
      TOTAL('SUB TOTAL ')
      FOOTING(' ')
BREAK: #GRAND
      TOTAL('TOTALS...')
    
```

ACCOUNT CODE			CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE REPORT							PAGE 1	
ACCOUNT	SUB-ID	JOBS	DURATION HHH.HH	TOT CPU SSS.SS	TCB CPU SSS.SS	SRB CPU SSS.SS	ITCB CPU SSS.SS	ISRB CPU SSS.SS	DISK SIO	TAPE SIO	
AABBB000	JES2	1	0.00	1.30	0.83	0.07	0.39	0.01	356		
AABBB000	STC	4	0.05	2.74	2.18	0.11	0.45	0.00	80		
AABBB000	TSO	2	0.19	4.04	1.77	0.10	2.13	0.04	226		
SUB TOTAL		7	0.24	8.08	4.78	0.28	2.97	0.05	662		
AABBB001	JES2	23	1.66	307.37	259.01	27.95	19.91	0.50	212229	62791	
AABBB001	TSO	14	1.30	27.78	23.22	1.97	2.45	0.14	6499		
SUB TOTAL		37	2.97	335.15	282.23	29.92	22.36	0.64	218728	62791	
TOTALS...		44	3.21	343.23	287.01	30.20	25.33	0.69	219390	62791	

SPWTR002

Abend Report in Job Name Sequence

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR002)

ABEND REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME, ABEND CODE, PROGRAM NAME
- COLUMNS INCLUDE: JOBNAME

ABEND CODE
PROGRAM NAME
START DATE
START TIME
NUMBER OF RUNS
ELAPSED TIME
CPU TIME
TOTAL SIOS
DISK SIOS
TAPE SIOS
ACCOUNT CODE

- CONTROL BREAK ON JOBNAME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ' AND
            NOT CIMRC030-ABEND-CODE = 'S000' OR 'U000' OR ' ')
TITLE: 'ABEND REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY ' ' PAGE' #PAGENUM
TITLE: / 'ABEND REPORT, JOB NAME SEQUENCE' /
COMPUTE: RUNS = 0
COMPUTE: DURATION = 0
COMPUTE: TOTAL-CPU-TIME =
(CIMRC030-STEP-TCBCPU-TIME + CIMRC030-STEP-SRBCPU-TIME)
COLUMNS: CIMRC030-JOBNAME('JOB NAME')
           CIMRC030-ABEND-CODE('CODE')
           CIMRC030-PROGRAM-NAME('PROGRAM')
           CIMRC030-GREG-STR-DATE(C-YMDD 'DATE')
           CIMRC030-STEP-START-TIME(TPIC'Z9:99:99' 'TIME')
           RUNS(PIC'ZZZ' 'RUNS')
           CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.999' 'DURATION|HH.HHH')
           TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU-TIME|SS.SS')
           CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
           CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
           CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
           CIMRC030-ACT1('ACCOUNT')
SORT: CIMRC030-JOBNAME CIMRC030-ABEND-CODE CIMRC030-PROGRAM-NAME
BREAK: CIMRC030-JOBNAME
       NOTOTAL
       FOOTING(' ')
       FOOTING(CIMRC030-JOBNAME 28 #ITEM
               CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
               TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
               CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
               CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
               CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))

BREAK: #GRAND
       NOTOTAL
       FOOTING(' ')
       FOOTING(20 'TOTALS...' 7 #ITEM
               CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
               TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
               CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
               CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
               CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))
```

ABEND REPORT			CIMS JOB ACCOUNTING SYSTEM ABEND REPORT, JOB NAME SEQUENCE										PAGE 1	
JOB NAME	CODE	PROGRAM	DATE	TIME	RUNS	DURATION HH.HHH	CPU-TIME SS.SS	TOTAL	SIO	DISK	SIO	TAPE	SIO	ACCOUNT
BLSJPRMI					1	0.014	0.21	30		30				AABBB000
CCC0200X					1	0.152	1.01	356		356				AABBB000
HDIRECTA					1	0.033	0.60	226		226				AABBB002
MAA					1	0.021	0.28	36		36				AABBB001
PCSINIT					1	0.114	0.88	8		8				AABBB002
SYSVIEW					1	0.076	0.54	6		6				AABBB000
TMPCMDS					1	0.002	0.01	11		11				AABBB000
TSXNRMT					1	0.010	0.15	181		181				AABBB002
TSXNTAR					1	0.277	1.75	923		770		153		AABBB001
XNCOMPIL					1	0.019	0.26	121		121				AABBB002
XNRSTBKP					1	0.036	0.63	211		211				AABBB001
XNLGBGND					1	0.364	2.21	1340		990		350		AABBB001
TOTALS...					12	0.754	8.53	3449		2946		503		

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

SPWTR003

Abend Report in Program Name Sequence

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR003)

ABEND REPORT BY PROGRAM NAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME, ABEND CODE, PROGRAM NAME
- COLUMNS INCLUDE: PROGRAM NAME

ABEND CODE
JOBNAME
START DATE
START TIME
NUMBER OF RUNS
ELAPSED TIME
CPU TIME
TOTAL SIOS
DISK SIOS
TAPE SIOS
ACCOUNT CODE

- CONTROL BREAK ON PROGRAM NAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ' AND
            NOT CIMRC030-ABEND-CODE = 'S000' OR 'U000' OR ' ')
TITLE: 'ABEND REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' '
PAGE' #PAGENUM
TITLE: / 'ABEND REPORT, PROGRAM NAME SEQUENCE' /
COMPUTE: RUNS = 0
COMPUTE: DURATION = 0
COMPUTE: TOTAL-CPU-TIME =
        (CIMRC030-STEP-TCBCPU-TIME + CIMRC030-STEP-SRBCPU-TIME)
COLUMNS: CIMRC030-PROGRAM-NAME('PROGRAM')
          CIMRC030-ABEND-CODE('CODE')
          CIMRC030-JOBNAME('JOB NAME')
          CIMRC030-GREG-STR-DATE(C-YMMDD 'DATE')
          CIMRC030-STEP-START-TIME(TPIC'Z9:99:99' 'TIME')
          RUNS(PIC'ZZZ' 'RUNS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.999' 'DURATION|HH.HHH')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU-TIME|SS.SS')
          CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
          CIMRC030-ACT1('ACCOUNT')
SORT: CIMRC030-PROGRAM-NAME CIMRC030-ABEND-CODE CIMRC030-JOBNAME
BREAK: CIMRC030-PROGRAM-NAME
      NOTOTAL
      FOOTING(' ')
      FOOTING(CIMRC030-PROGRAM-NAME 28 #ITEM
              CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
              TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' TOTAL)
              CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))

BREAK: #GRAND
      NOTOTAL
      FOOTING(' ')
      FOOTING(20 'TOTALS...' 7 #ITEM
              CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
              TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
              CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))
```

SPWTR003

Abend Report in Program Name Sequence

ABEND REPORT		CIMS JOB ACCOUNTING SYSTEM										PAGE	1	
		ABEND REPORT, PROGRAM NAME SEQUENCE												
PROGRAM	CODE	JOB NAME	DATE	TIME	RUNS	DURATION HH.HHH	CPU-TIME SSS.SS	TOTAL	SIO	DISK	SIO	TAPE	SIO	ACCOUNT
AAQJY90S	S0C7	XNRSTBKP	960427	11:29:30		0.036	0.63	211		211				AABBB001
AAQJY90S					1	0.036	0.63	211		211				
BCGJA86S	U199	XNLGBGND	960427	18:39:22		0.364	2.21	1340		990		350		AABBB001
BCGJA86S					1	0.364	2.21	1340		990		350		
DDR99P03	U001	TMPCMDS	960427	19:54:21		0.002	0.01	11		11				AABBB000
DDR99P03					1	0.002	0.01	11		11				
MDRJR20S	U002	CCC0200X	960427	10:45:28		0.152	1.01	356		356				AABBB000
MDRJR20S					1	0.152	1.01	356		356				
MMF01D01	S0C4	HDIRECTA	960427	10:21:35		0.033	0.60	226		226				AABBB002
MMF01D01					1	0.033	0.60	226		226				
MPRJD45S	S001	MAA	960427	11:33:49		0.021	0.28	36		36				AABBB001
MPRJD45S					1	0.021	0.28	36		36				
MSHJD00S	S0C7	BLSJPRMI	960427	9:19:17		0.014	0.21	30		30				AABBB000
MSHJD00S					1	0.014	0.21	30		30				
PPI64P01	U099	SYSVIEW	960427	22:09:58		0.076	0.54	6		6				AABBB000
PPI64P01					1	0.076	0.54	6		6				
QTRJQ77S	S0C4	XNCOMPIL	960427	9:59:54		0.019	0.26	121		121				AABBB002
QTRJQ77S					1	0.019	0.26	121		121				
SSIJW21S	S0C7	PCSINIT	960427	10:36:10		0.114	0.88	8		8				AABBB002
SSIJW21S					1	0.114	0.88	8		8				
WTYJW99S	U100	TSXNTAR	960427	5:27:59		0.277	1.75	923		770		153		AABBB001
WTYJW99S					1	0.277	1.75	923		770		153		
XXTJW10S	S999	TSXNRMT	960427	22:11:33		0.010	0.15	181		181				AABBB002
XXTJW10S					1	0.010	0.15	181		181				
TOTALS...					12	0.754	8.53	3449		2946		503		

SPWTR004

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR004)

ABEND REPORT BY ABEND CODE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME, ABEND CODE, PROGRAM NAME
- COLUMNS INCLUDE: ABEND CODE

JOBNAME
PROGRAM NAME
START DATE
START TIME
NUMBER OF RUNS
ELAPSED TIME
CPU TIME
TOTAL SIOS
DISK SIOS
TAPE SIOS
ACCOUNT CODE

- CONTROL BREAK ON ABEND CODE
- DETAIL REPORT

Abend Report in Abend Code Sequence

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ' AND
            NOT CIMRC030-ABEND-CODE = 'S000' OR 'U000' OR ' ')
TITLE: 'ABEND REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'ABEND REPORT, ABEND CODE SEQUENCE' /
COMPUTE: RUNS = 0
COMPUTE: DURATION = 0
COMPUTE: TOTAL-CPU-TIME =
          (CIMRC030-STEP-TCBCPU-TIME + CIMRC030-STEP-SRBCPU-TIME)
COLUMNS: CIMRC030-ABEND-CODE('CODE')
           CIMRC030-JOBNAME('JOB NAME')
           CIMRC030-PROGRAM-NAME('PROGRAM')
           CIMRC030-GREG-STR-DATE(C-YMMDD 'DATE')
           CIMRC030-STEP-START-TIME(TPIC'Z9:99:99' 'TIME')
           RUNS(PIC'ZZZ' 'RUNS')
           CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.999' 'DURATION|HH.HHH')
           TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU-TIME|SS.SS')
           CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
           CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
           CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
           CIMRC030-ACT1('ACCOUNT')
SORT: CIMRC030-ABEND-CODE CIMRC030-JOBNAME CIMRC030-PROGRAM-NAME
BREAK: CIMRC030-ABEND-CODE
      NOTOTAL
      FOOTING(' ')
      FOOTING(CIMRC030-ABEND-CODE 35 #ITEM(4)
              CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
              TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' TOTAL)
              CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))
BREAK: #GRAND
      NOTOTAL
      FOOTING(' ')
      FOOTING(20 'TOTALS...' 7 #ITEM
              CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.999')
              TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
              CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ'))
```


ABEND REPORT		CIMS JOB ACCOUNTING SYSTEM ABEND REPORT, ABEND CODE SEQUENCE										PAGE 1
CODE	JOB NAME	PROGRAM	DATE	TIME	RUNS	DURATION HH.HHH	CPU-TIME SSS.SS	TOTAL SIO	DISK SIO	TAPE SIO	ACCOUNT	
S001	MPRJD45S	MAA	960427	11:33:49		0.021	0.28	36	36		AABBB001	
S001					1	0.021	0.28	36	36			
S0C4	QTRJQ77S	XNCOMPIL	960427	9:59:54		0.019	0.26	121	121		AABBB002	
S0C4	MMF01D01	HDIRECTA	960427	10:21:35		0.033	0.60	226	226		AABBB002	
S0C4					2	0.052	0.86	347	347			
S0C7	MSHJD00S	BLSJPRMI	960427	9:19:17		0.014	0.21	30	30		AABBB000	
S0C7	AAQJY90S	XNRSTBKP	960427	11:29:30		0.036	0.63	211	211		AABBB001	
S0C7	SSIJW21S	PCSINIT	960427	10:36:10		0.114	0.88	8	8		AABBB002	
S0C7					1	0.164	1.72	249	249			
S999	XXTJW10S	TSXNRMT	960427	22:11:33		0.010	0.15	181	181		AABBB002	
S999					1	0.010	0.15	181	181			
U001	DDR99P03	TMPCMDS	960427	19:54:21		0.002	0.01	11	11		AABBB000	
U001					1	0.002	0.01	11	11			
U002	MDRJR20S	CCC0200X	960427	10:45:28		0.152	1.01	356	356		AABBB000	
U002					1	0.152	1.01	356	356			
U099	PPI64P01	SYSVIEW	960427	22:09:58		0.076	0.54	6	6		AABBB000	
U099					1	0.076	0.54	6	6			
U100	WTYJW99S	TSXNTAR	960427	5:27:59		0.277	1.75	923	770	153	AABBB001	
U100					1	0.277	1.75	923	770	153		
U199	BCGJA86S	XNLGBGND	960427	18:39:22		0.364	2.21	1340	990	350	AABBB001	
U199					1	0.364	2.21	1340	990	350		
TOTALS...					12	0.754	8.53	3449	2946	503		

SPWTR005

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR005)

JOBNAME SUMMARY REPORT:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME, SUB SYSTEM ID
- COLUMNS INCLUDE: JOBNAME
SUB SYSTEM ID
NUMBER OF JOBS
ELAPSED TIME
CPU TIME
TCB CPU TIME
SRB CPU TIME
INITIATOR TCB CPU TIME
INITIATOR SRB CPU TIME
DISK SIOS
TAPE SIOS
- CONTROL BREAK ON SUB SYSTEM ID, JOBNAME
- SUMMARY REPORT

Resource Report in Job Name Sequence

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ')
TITLE: 'JOB NAME' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
#PAGENUM
TITLE: / 'JOB NAME REPORT' /
COMPUTE: JOBS = WHEN(CIMRC030-STEP-NUMBER = 001) ASSIGN(1)
COMPUTE: TCB = CIMRC030-STEP-TCBCPU-TIME
COMPUTE: SRB = CIMRC030-STEP-SRBCPU-TIME
COMPUTE: ITCB = CIMRC030-CPU-ITCB
COMPUTE: ISRB = CIMRC030-CPU-ISRB
COMPUTE: TOTAL-CPU-TIME = TCB + SRB + ITCB + ISRB
COMPUTE: TOTAL-ICPU-TIME = ITCB + ISRB
COLUMNS: CIMRC030-JOBNAME('JOB NAME')
          CIMRC030-SMF30WID('SUB-ID')
          JOBS('JOBS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZZ9.99' 'DURATION|HHH.HH')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|SS.SS')
          TCB(PIC'ZZZZZZZZ9.99' 'TCB CPU|SS.SS')
          SRB(PIC'ZZZZZZZZ9.99' 'SRB CPU|SS.SS')
* TOTAL-ICPU-TIME(PIC'ZZZZZZ9.99' 'ITOT CPU|SS.SS')
  ITCB(PIC'ZZZZZZZZ9.99' 'ITCB CPU|SS.SS')
  ISRB(PIC'ZZZZZZZZ9.99' 'ISRB CPU|SS.SS')
* CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
  CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
  CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-JOBNAME CIMRC030-SMF30WID
BREAK: CIMRC030-SMF30WID
      TOTAL(CIMRC030-JOBNAME 3
            CIMRC030-SMF30WID)
      FOOTING(' ')
BREAK: CIMRC030-JOBNAME
      TOTAL('SUB TOTAL ')
      FOOTING(' ')
BREAK: #GRAND
      TOTAL('TOTALS...')
```

JOB NAME		CIMS JOB ACCOUNTING SYSTEM JOB NAME REPORT								PAGE 1	
JOB NAME	SUB-ID	JOBS	DURATION HHH.HH	TOT CPU SSS.SS	TCB CPU SSS.SS	SRB CPU SSS.SS	ITCB CPU SSS.SS	ISRB CPU SSS.SS	DISK SIO	TAPE SIO	
BLSJPRMI	STC	1	0.01	1.11	1.00	0.02	0.09	0.00	30		
SUB TOTAL		1	0.01	1.11	1.00	0.02	0.09	0.00	30		
HDIRECTA	JES2	1	0.00	1.30	0.83	0.07	0.39	0.01	356		
SUB TOTAL		1	0.00	1.30	0.83	0.07	0.39	0.01	356		
MAA	TSO	2	0.19	4.04	1.77	0.10	2.13	0.04	226		
SUB TOTAL		2	0.19	4.04	1.77	0.10	2.13	0.04	226		
PCSINIT	STC	1	0.01	0.68	0.41	0.03	0.24	0.00	36		
SUB TOTAL		1	0.01	0.68	0.41	0.03	0.24	0.00	36		
SYSVIEW	STC	1	0.00	0.09	0.04	0.00	0.05	0.00	8		
SUB TOTAL		1	0.00	0.09	0.04	0.00	0.05	0.00	8		
TMPCMDS	STC	1	0.02	0.86	0.73	0.06	0.07	0.00	6		
SUB TOTAL		1	0.02	0.86	0.73	0.06	0.07	0.00	6		
TSXNRMT	TSO	1	0.18	3.12	2.62	0.30	0.19	0.01	770		
SUB TOTAL		1	0.18	3.12	2.62	0.30	0.19	0.01	770		
TSXNTAR	TSO	13	1.12	24.66	20.60	1.67	2.26	0.13	5729		
SUB TOTAL		13	1.12	24.66	20.60	1.67	2.26	0.13	5729		
XNCOMPIL	JES2	2	0.01	2.64	2.09	0.08	0.45	0.02	181		
SUB TOTAL		2	0.01	2.64	2.09	0.08	0.45	0.02	181		
TOTALS...		23	1.54	38.50	30.09	2.33	5.87	0.21	7342		

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR006)

PROGRAM NAME SUMMARY REPORT:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY PROGRAM NAME, SUB SYSTEM ID
- COLUMNS INCLUDE: PROGRAM NAME

```

SUB SYSTEM ID
PROGRAM COUNT
ELAPSED TIME
CPU TIME
TCB CPU TIME
SRB CPU TIME
INITIATOR TCB CPU TIME
INITIATOR SRB CPU TIME
DISK SIOS
TAPE SIOS
    
```

- CONTROL BREAK ON SUB SYSTEM ID, PROGRAM NAME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

INPUT: CIMRC030-RECORD

INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
 CIMRC030-SMF30STP = 4 AND
 CIMRC030-DELETE-CODE = ' ')

TITLE: 'PROGRAM NAME' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' '
 PAGE' #PAGENUM

TITLE: / 'PROGRAM NAME REPORT' /
 COMPUTE: COUNT = 0

COMPUTE: TCB = CIMRC030-STEP-TCBCPU-TIME

COMPUTE: SRB = CIMRC030-STEP-SRBCPU-TIME

COMPUTE: ITCB = CIMRC030-CPU-ITCB

COMPUTE: ISRB = CIMRC030-CPU-ISRB

COMPUTE: TOTAL-CPU-TIME = TCB + SRB + ITCB + ISRB

COMPUTE: TOTAL-ICPU-TIME = ITCB + ISRB

(continued...)

(Control Statements continued...)

```

COLUMNS: CIMRC030-PROGRAM-NAME('PROGRAM|NAME')
CIMRC030-SMF30WID('SUB-ID')
COUNT('COUNT')
CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.99' 'DURATION|HHH.HH')
TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|SS.SS')
TCB(PIC'ZZZZZZZZ9.99' 'TCB CPU|SS.SS')
SRB(PIC'ZZZZZZZZ9.99' 'SRB CPU|SS.SS')
* TOTAL-ICPU-TIME(PIC'ZZZZZ9.99' 'ITOT CPU|SS.SS')
ITCB(PIC'ZZZZZZZZ9.99' 'ITCB CPU|SS.SS')
ISRB(PIC'ZZZZZZZZ9.99' 'ISRB CPU|SS.SS')
* CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-PROGRAM-NAME CIMRC030-SMF30WID
BREAK: CIMRC030-SMF30WID
    
```

```

NOTOTAL
FOOTING(CIMRC030-PROGRAM-NAME
CIMRC030-SMF30WID 3
#ITEMS
CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.99')
TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
TCB(TOTAL PIC'ZZZZZZZZ9.99')
SRB(TOTAL PIC'ZZZZZZZZ9.99')
ITCB(TOTAL PIC'ZZZZZZZZ9.99')
ISRB(TOTAL PIC'ZZZZZZZZ9.99')
CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ')
    
```

FOOTING(' ')

BREAK: CIMRC030-PROGRAM-NAME

NOTOTAL

```

FOOTING('SUB TOTAL ' 6
#ITEMS
CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.99')
TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
TCB(TOTAL PIC'ZZZZZZZZ9.99')
SRB(TOTAL PIC'ZZZZZZZZ9.99')
ITCB(TOTAL PIC'ZZZZZZZZ9.99')
ISRB(TOTAL PIC'ZZZZZZZZ9.99')
CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ')
    
```

FOOTING(' ')

BREAK: #GRAND

NOTOTAL

```

FOOTING('TOTALS...' 7
#ITEMS
CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZ9.99')
TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
TCB(TOTAL PIC'ZZZZZZZZ9.99')
SRB(TOTAL PIC'ZZZZZZZZ9.99')
ITCB(TOTAL PIC'ZZZZZZZZ9.99')
ISRB(TOTAL PIC'ZZZZZZZZ9.99')
CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZ')
CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZ')
    
```

PROGRAM NAME		CIMS JOB ACCOUNTING SYSTEM PROGRAM NAME REPORT							10/05/95	PAGE	1
PROGRAM NAME	SUB-ID	COUNT	DURATION HHH.HH	TOT CPU SSS.SS	TCB CPU SSS.SS	SRB CPU SSS.SS	ITCB CPU SSS.SS	ISRB CPU SSS.SS	DISK SIO	TAPE SIO	
BGNDAY	JES2	2	0.05	4.80	3.80	0.26	0.70	0.04	1214		
SUB TOTAL		2	0.05	4.80	3.80	0.26	0.70	0.04	1214		
BLSQPRMI	STC	1	0.01	1.11	1.00	0.02	0.09	0.00	30		
SUB TOTAL		1	0.01	1.11	1.00	0.02	0.09	0.00	30		
DBARC	JES2	1	0.00	1.95	1.32	0.09	0.53	0.01	1132		
SUB TOTAL		1	0.00	1.95	1.32	0.09	0.53	0.01	1132		
DBUTIL	JES2	5	0.01	5.34	2.71	0.19	2.34	0.10	1026		
SUB TOTAL		5	0.01	5.34	2.71	0.19	2.34	0.10	1026		
DSFAUDIT	JES2	1	0.00	0.97	0.48	0.04	0.43	0.02	179		
SUB TOTAL		1	0.00	0.97	0.48	0.04	0.43	0.02	179		
EPTW	JES2	1	0.01	3.25	2.66	0.08	0.49	0.02	710		
SUB TOTAL		1	0.01	3.25	2.66	0.08	0.49	0.02	710		
E644	JES2	1	0.00	0.68	0.37	0.03	0.26	0.02	141		
SUB TOTAL		1	0.00	0.68	0.37	0.03	0.26	0.02	141		
FLEXGLOX	JES2	1	0.00	0.68	0.38	0.04	0.25	0.01	96		
SUB TOTAL		1	0.00	0.68	0.38	0.04	0.25	0.01	96		
GSVXINST	STC	1	0.00	0.09	0.04	0.00	0.05	0.00	8		
SUB TOTAL		1	0.00	0.09	0.04	0.00	0.05	0.00	8		
IDCAMS	JES2	46	1.25	186.84	162.08	21.99	2.74	0.03	157514	62791	
SUB TOTAL		46	1.25	186.84	162.08	21.99	2.74	0.03	157514	62791	
TOTALS...		60	1.33	205.71	174.84	22.74	7.91	0.25	162050	62791	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR007)

CPU HOG SUMMARY REPORT:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SELECTS RECORDS WITH CPU TIMES EQUAL TO OR GREATER THAN 10 MINUTES
- SORTED BY JOBNAME, PROGRAM NAME, SUB SYSTEM ID
- COLUMNS INCLUDE: PROGRAM NAME
SUB SYSTEM ID
ELAPSED TIME
CPU TIME
TCB CPU TIME
SRB CPU TIME
INITIATOR TCB CPU TIME
INITIATOR SRB CPU TIME
DISK SIOS
TAPE SIOS
- CONTROL BREAK ON SUB SYSTEM ID, PROGRAM NAME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ' AND
            CIMRC030-CPU-TIME > 599.99)
TITLE: ' ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CPU-HOG REPORT' /
TITLE: / 'STEPS USING 10 MINUTES OR MORE OF CPU TIME' /
COMPUTE: TCB = CIMRC030-SMF30CPT
COMPUTE: SRB = CIMRC030-SMF30CPS
COMPUTE: ITCB = CIMRC030-SMF30ICU
COMPUTE: ISRB = CIMRC030-SMF30ISB
COMPUTE: TOTAL-CPU-TIME = TCB + SRB + ITCB + ISRB
COMPUTE: TOTAL-ICPU-TIME = ITCB + ISRB
COLUMNS: CIMRC030-PROGRAM-NAME('PROGRAM|NAME')
           CIMRC030-SMF30WID('SUB-ID')
           CIMRC030-ELAPSED-TIME(PIC'ZZZZZZ9.99' 'DURATION|HHH.HH')
           TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|SS.SS')
           TCB(PIC'ZZZZZZZZ9.99' 'TCB CPU|SS.SS')
           SRB(PIC'ZZZZZZZZ9.99' 'SRB CPU|SS.SS')
* TOTAL-ICPU-TIME(PIC'ZZZZZZ9.99' 'ITOT CPU|SS.SS')
ITCB(PIC'ZZZZZZZZ9.99' 'ITCB CPU|SS.SS')
ISRB(PIC'ZZZZZZZZ9.99' 'ISRB CPU|SS.SS')
* CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')
  CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
  CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-PROGRAM-NAME CIMRC030-SMF30WID
BREAK: CIMRC030-SMF30WID
      TOTAL(CIMRC030-PROGRAM-NAME 3
            CIMRC030-SMF30WID)
      FOOTING(' ')
BREAK: CIMRC030-PROGRAM-NAME
      TOTAL('SUB TOTAL ')
      FOOTING(' ')
BREAK: #GRAND
      TOTAL('TOTALS...')

```

CPU - Hog Report (Steps Using 10 Minutes or More of CPU Time)

CIMS JOB ACCOUNTING SYSTEM
 CPU-HOG REPORT
 STEPS USING 10 MINUTES OR MORE OF CPU TIME

PROGRAM NAME	SUB-ID	DURATION HHH.HH	TOT CPU SSS.SS	TCB CPU SSS.SS	SRB CPU SSS.SS	ITCB CPU SSS.SS	ISRB CPU SSS.SS	DISK SIO	TAPE SIO
AR10D01	JES2	2.01	1389.34	564.89	436.28	213.11	175.06	256903	35009
SUB TOTAL		2.01	1389.34	564.89	436.28	213.11	175.06	256903	35009
BBMDR01S	JES2	1.44	927.88	343.66	267.51	189.90	129.81	227640	
SUB TOTAL		1.44	927.88	343.66	267.51	189.90	129.81	227640	
IDCAMS	JES2	0.91	768.70	299.46	168.50	150.72	150.02	145274	28067
SUB TOTAL		0.91	768.70	299.46	168.50	150.72	150.02	145274	28067
OFFCTL	JES2	0.05	613.24	162.03	150.78	150.42	150.01	8009	
SUB TOTAL		0.05	613.24	162.03	150.78	150.42	150.01	8009	
UPRWK050	JES2	0.04	624.32	173.53	150.69	150.10	150.00	7910	
SUB TOTAL		0.04	624.32	173.53	150.69	150.10	150.00	7910	
TOTALS...		4.45	4323.48	1543.80	1173.76	854.25	754.90	645736	63076

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR008)

SHIFT CODE REPORT BY SHIFT CODE AND STEP START DATE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY STEP START DATE, SHIFT CODE, PROGRAM NAME, STEP START TIME, ACCOUNT CODE

- COLUMNS INCLUDE: START DATE
 PROGRAM NAME
 START TIME
 STOP TIME
 ELAPSED TIME
 CPU TIME
 TOTAL SIOS
 DISK SIOS
 TAPE SIOS
 VIRTUAL PAGES IN
 VIRTUAL PAGES OUT
 ABEND CODE
 JOBNAME
 ACCOUNT CODE

- CONTROL BREAK ON SHIFT CODE, STEP START DATE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ')
TITLE: 'SHIFT REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'SHIFT REPORT' /
COMPUTE: TOTAL-CPU-TIME = (CIMRC030-STEP-TCBCPU-TIME +
                          CIMRC030-STEP-SRBCPU-TIME)
COLUMNS: CIMRC030-GREG-STR-DATE(C-YMMMDD 'DATE|YMMMDD')
          CIMRC030-PROGRAM-NAME('PROGRAM|NAME')
          CIMRC030-STEP-START-TIME(TPIC'Z9:99:99'
'START|TIME|HH.MM.SS')
          CIMRC030-STEP-STOP-TIME(TPIC'Z9:99:99' 'STOP|TIME|HH.MM.SS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.99' 'ELAPSED|TIME|HHH.HH')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU|TIME|SSS.SS')
          CIMRC030-SIOS(PIC'ZZZZZZ9' 'TOTAL|SIO')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZ9' 'DISK|SIO')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZ9' 'TAPE|SIO')
          CIMRC030-PAGES-IN(PIC'ZZZZZZ9' 'VIRTUAL|PAGE|INS')
          CIMRC030-PAGES-OUT(PIC'ZZZZZZ9' 'VIRTUAL|PAGE|OUTS')
          CIMRC030-ABEND-CODE('COMP|CODE')
          CIMRC030-JOBNAME('JOB|NAME')
          CIMRC030-ACT1('ACCOUNT|CODE')
SORT: CIMRC030-STEP-START-DATE CIMRC030-SHIFT-CODE CIMRC030-PROGRAM-NAME
      CIMRC030-STEP-START-TIME CIMRC030-ACT1
BREAK: CIMRC030-SHIFT-CODE
      TOTAL('SUMMARY FOR SHIFT CODE '
          CIMRC030-SHIFT-CODE)
      FOOTING(' ')
BREAK: CIMRC030-STEP-START-DATE
      TOTAL('DATE TOTAL ' 4
          CIMRC030-GREG-STR-DATE(C-YMMMDD))
      FOOTING(' ')
BREAK: #GRAND
      TOTAL('TOTALS...')
    
```


SHIFT REPORT		CIMS JOB ACCOUNTING SYSTEM SHIFT REPORT										PAGE	1
DATE YYMMDD	PROGRAM NAME	START TIME HH.MM.SS	STOP TIME HH.MM.SS	ELAPSED TIME HHH.HH	CPU TIME SSS.SS	TOTAL SIO	DISK SIO	TAPE SIO	VIRTUAL PAGE INS	VIRTUAL PAGE OUTS	COMP CODE	JOB NAME	ACCOUNT CODE
SUMMARY FOR SHIFT CODE		1		0.24	5.06	662	662	0	240	487			
DATE TOTAL		960426		0.24	5.06	662	662	0	240	487			
SUMMARY FOR SHIFT CODE		1		0.11	6.44	1052	1052	0	120	254			
SUMMARY FOR SHIFT CODE		2		0.47	9.43	1532	1532	0	156	0			
SUMMARY FOR SHIFT CODE		3		0.07	5.07	1327	1327	0	21	0			
SUMMARY FOR SHIFT CODE		4		2.43	297.65	278660	215869	62791	0	0			
DATE TOTAL		960427		3.08	318.59	282571	219780	62791	297	254			
SUMMARY FOR SHIFT CODE		1		0.33	13.78	1611	1611	0	330	222			
SUMMARY FOR SHIFT CODE		4		0.89	78.22	2366	1950	416	500	159			
DATE TOTAL		960428		1.22	92.00	3977	3561	416	830	481			
TOTALS...				4.54	415.65	287210	224003	63207	1367	1222			

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR009)

JOBNAME SUMMARY REPORT:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- ALL DATES ARE FORMATED IN DD-MM-YY FOR THIS REPORT
- PROCESSES RECORD TYPES 6 AND 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME, JOB START DATE, JOB START TIME
- COLUMNS INCLUDE: JOBNAME
 JOB START DATE
 JOB START TIME
 CPU TIME
 DISK SIOS
 PAGES PRINTED
 ACCOUNT CODE
- CONTROL BREAK ON JOBNAME, JOB START DATE, JOB START TIME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTIONS: SUMMARY
        FORMAT(C-DD-MM-YY)
INPUT: CIMRC030-RECORD
INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
            (CIMRC030-REC-TYPE = 30 AND
             CIMRC030-SMF30STP = 4 AND
             CIMRC030-DELETE-CODE = ' '))
TITLE: 'JOBNAME REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
      PAGE' #PAGENUM
TITLE: / 'JOB NAME SEQUENCE' /
COMPUTE: JOB-START-DATE = #FORMAT(CIMRC030-JOB-START-DATE)
COMPUTE: JOB-START-TIME = #FORMAT(CIMRC030-JOB-START-TIME)
COMPUTE: SORT-SEQ = CIMRC030-JOBNAME +
                JOB-START-DATE +
                JOB-START-TIME
COMPUTE: PAGES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
                ASSIGN(CIMRC030-PAGES-PRINTED)
                ELSE
                ASSIGN(0)
COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                ASSIGN(CIMRC030-CPU-TIME)
                ELSE
                ASSIGN(0)
COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
                ASSIGN(CIMRC030-DISK-SIOS)
                ELSE
                ASSIGN(0)
COLUMNS: CIMRC030-JOBNAME('JOB|NAME')
          CIMRC030-JOB-START-DATE('START|DATE')
          CIMRC030-JOB-START-TIME(TPIC'Z9:99:99' 'START|TIME')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU|TIME|SSS.SS')
          TOTAL-DISK-IO(PIC'ZZZZZZZZ' 'TOTAL|DISK I/O')
          PAGES-PRINTED(PIC'ZZZZZZZZ' 'TOTAL|PAGES|PRINTED')
          CIMRC030-ACCT-CODE('ACCOUNT CODE')
SORT: SORT-SEQ
BREAK: SORT-SEQ
      NOTOTAL
      FOOTING(CIMRC030-JOBNAME
              CIMRC030-JOB-START-DATE
              CIMRC030-JOB-START-TIME(TPIC'Z9:99:99')
              TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
              TOTAL-DISK-IO(TOTAL PIC'ZZZZZZZZ')
              PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC030-ACCT-CODE)
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

JOBNAME REPORT

CIMS JOB ACCOUNTING SYSTEM
WEEKLY JOB NAME SEQUENCE

PAGE 1

JOB NAME	START DATE	START TIME	CPU TIME SSS.SS	TOTAL DISK I/O	TOTAL PAGES PRINTED	ACCOUNT CODE
BLSJPRMI	01/04/96	11:37:22	1.11	30	AABBB000	
HDIRECTA	01/04/96	11:09:41	1.30	356	AABBB000	
MAA	01/04/96	11:47:48	2.22	136	AABBB000	
MAA	01/04/96	11:51:36	1.82	90	AABBB000	
PCSINIT	01/02/96	11:39:09	0.68	36	AABBB000	
SYSVIEW	01/04/96	11:39:05	0.09	8	AABBB000	
TMPCMD5	01/04/96	11:37:23	0.86	6	AABBB000	
TSXNRMT	01/04/96	15:17:04	3.12	770	AABBB001	
TSXNTAR	02/04/96	8:53:36	1.20	113	AABBB001	
TSXNTAR	02/04/96	15:23:35	2.49	292	9 AABBB001	
TSXNTAR	02/04/96	16:08:18	1.21	88	6 AABBB001	
.....
TSXNTAR	02/04/96	21:18:01	1.23	203	AABBB001	
TSXNTAR	02/04/96	21:28:19	1.06	200	AABBB001	
XNCOMPIL	03/04/96	15:24:00	1.33	93	AABBB001	
XNCOMPIL	03/04/96	15:24:40	1.31	88	AABBB001	
XNJBKUPA	03/04/96	19:35:34	13.21	10164	AABBB001	
XNLGARCH	03/04/96	20:34:55	1.95	1132	AABBB001	
XNLGAUDT	03/04/96	20:28:33	0.97	179	AABBB001	
XNLGBGND	04/04/96	8:54:34	4.80	1214	AABBB001	
XNLGDALY	04/04/96	20:00:38	77.34	64603	AABBB001	
XNLGDALY	04/04/96	20:43:40	78.42	64816	AABBB001	
XNLGDAYL	04/04/96	20:27:57	0.99		AABBB001	
XNLGE644	04/04/96	20:35:33	1.49	266	AABBB001	
XNLGE646	04/04/96	20:36:08	1.49	268	AABBB001	
XNLGFLEX	04/04/96	20:38:35	1.59	221	AABBB001	
XNLGLINK	05/04/96	15:25:31	0.65	101	AABBB001	
XNLGLINK	05/04/96	15:26:06	0.64	100	AABBB001	
XNLGNCP2	05/04/96	20:29:24	15.91	8555	AABBB001	
XNLGOLGL	05/04/96	20:37:38	2.21	1286	AABBB001	
XNLGSEPT	05/04/96	20:36:44	3.25	710	AABBB001	
XNLGSPLT	05/04/96	20:33:34	2.91	701	AABBB001	
XNLGSSA1	05/04/96	20:39:29	2.55	706	AABBB001	
XNLGSSA3	05/04/96	20:40:36	8.96	2901	AABBB001	
XNLGVHUP	05/04/96	20:42:20	3.22	2178	AABBB001	
XNPRELIM	06/04/96	19:50:57	71.97	42862	2130 AABBB001	
XNRSTBKP	06/04/96	20:24:58	10.21	9085	AABBB001	
TOTALS.....			343.23	219390	2145	

SPWTR010 Account Code Summary Report by JOBNAME Using Rec Types 6 & 30

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR010)

ACCOUNT CODE SUMMARY REPORT BY JOB NAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 6 AND 30; SUMMARY REPORT
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY ACCOUNT CODE, JOB NAME, JOB START DATE/TIME
- COLUMNS INCLUDE: ACCOUNT CODE

JOB NAME
JOB START DATE
JOB START TIME
TCB CPU
SRB CPU
TOTAL CPU
DISK SIO
TAPE SIO
TOTAL SIO

LINES PRINTED PAGES PRINTED

- CONTROL BREAK ON ACCOUNT CODE, JOB NAME, JOB START DATE/TIME

REPORT WRITER CONTROL STATEMENTS

OPTIONS: SUMMARY

INPUT: CIMRC030-RECORD

INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
(CIMRC030-REC-TYPE = 30 AND
CIMRC030-SMF30STP = 4 AND
CIMRC030-DELETE-CODE = ' '))

TITLE: 'SPWTR010 REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM

TITLE: / 'ACCOUNT CODE/JOB NAME SEQUENCE' /

COMPUTE: JOB-START-DATE = #FORMAT(CIMRC030-JOB-START-DATE)

COMPUTE: JOB-START-TIME = #FORMAT(CIMRC030-JOB-START-TIME)

COMPUTE: SORT-SEQ = CIMRC030-ACT1 +
CIMRC030-JOBNAME +
JOB-START-DATE +
JOB-START-TIME

COMPUTE: LINES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
ASSIGN(CIMRC030-LINES-PRINTED)
ELSE
ASSIGN(0)

COMPUTE: PAGES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
ASSIGN(CIMRC030-PAGES-PRINTED)
ELSE
ASSIGN(0)

COMPUTE: TCB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-STEP-TCBCPU-TIME)
ELSE
ASSIGN(0)

(continued...)

(Control Statements continued...)

COMPUTE: SRB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-STEP-SRBCPU-TIME)
ELSE
ASSIGN(0)

COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-STEP-TCBCPU-TIME +
CIMRC030-STEP-SRBCPU-TIME)

COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-DISK-SIOS)
ELSE
ASSIGN(0)

COMPUTE: TOTAL-TAPE-IO = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-TAPE-SIOS)
ELSE
ASSIGN(0)

COMPUTE: TOTAL-IO = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-SIOS)
ELSE
ASSIGN(0)

COMPUTE: TOTAL-IO = WHEN(CIMRC030-REC-TYPE = 30)
ASSIGN(CIMRC030-SIOS)
ELSE
ASSIGN(0)

COLUMNS: CIMRC030-ACT1('ACCOUNT|CODE')
CIMRC030-JOBNAME('JOB|NAME')

CIMRC030-JOB-START-DATE('START|DATE')
CIMRC030-JOB-START-TIME(TPIC'Z9:99:99' 'START|TIME')

TCB-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TCB CPU|TIME|SS.SS')
SRB-CPU-TIME(PIC'ZZZZZZZZ9.99' 'SRB CPU|TIME|SS.SS')

TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|TIME|SS.SS')
TOTAL-DISK-IO(PIC'ZZZZZZZZ' 'TOTAL|DISK I/O')

TOTAL-TAPE-IO(PIC'ZZZZZZZZ' 'TOTAL|TAPE I/O')

TOTAL-IO(PIC'ZZZZZZZZ' 'TOTAL I/O')

PAGES-PRINTED(PIC'ZZZZZZZZ' 'TOTAL|PAGES|PRINTED')

LINES-PRINTED(PIC'ZZZZZZZZ' 'TOTAL|LINES|PRINTED')

SORT: SORT-SEQ
BREAK: SORT-SEQ
NOTOTAL

FOOTING(CIMRC030-ACT1
CIMRC030-JOBNAME
CIMRC030-JOB-START-DATE
CIMRC030-JOB-START-TIME(TPIC'Z9:99:99')

TCB-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')

SRB-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')

TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')

TOTAL-DISK-IO(TOTAL PIC'ZZZZZZZZ')

TOTAL-TAPE-IO(TOTAL PIC'ZZZZZZZZ')

TOTAL-IO(TOTAL PIC'ZZZZZZZZ')

PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')

LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')

BREAK: #GRAND
TOTAL('TOTALS.....')

SPWTR010 Account Code Summary Report by JOBNAME Using Rec Types 6 & 30

SPWTR010 REPORT				CIMS JOB ACCOUNTING SYSTEM						PAGE 1	
				ACCOUNT CODE/JOB NAME SEQUENCE							
ACCOUNT CODE	JOB NAME	START DATE	START TIME	TCB CPU TIME SSS.SS	SRB CPU TIME SSS.SS	TOT CPU TIME SSS.SS	TOTAL DISK I/O	TOTAL TAPE I/O	TOTAL I/O	TOTAL PAGES PRINTED	TOTAL LINES PRINTED
AABBB000	BLSJPRMI	04/01/96	11:37:22	1.00	0.02	1.02	30		30		
AABBB000	HDIRECTA	04/01/96	11:09:41	0.83	0.07	0.90	356		356		
AABBB000	MAA	04/01/96	11:47:48	1.07	0.06	1.13	136		136		
AABBB000	MAA	04/01/96	11:51:36	0.70	0.04	0.74	90		90		
AABBB000	PCSINIT	04/01/96	11:39:09	0.41	0.03	0.44	36		36		
AABBB000	SYSVIEW	04/01/96	11:39:05	0.04	0.00	0.04	8		8		
AABBB000	TMPCMD5	04/01/96	11:37:23	0.73	0.06	0.79	6		6		
AABBB001	TSXNRMT	04/01/96	15:17:04	2.62	0.30	2.92	770		770		
AABBB001	TSXNTAR	04/02/96	8:53:36	0.96	0.05	1.01	113		113		
AABBB001	TSXNTAR	04/02/96	15:23:35	2.10	0.20	2.30	292		292	9	431
.....		
AABBB001	TSXNTAR	04/02/96	21:16:11	0.71	0.04	0.75	62		62		
AABBB001	TSXNTAR	04/02/96	21:18:01	0.99	0.06	1.05	203		203		
AABBB001	TSXNTAR	04/02/96	21:28:19	0.83	0.06	0.89	200		200		
AABBB001	XNCOMPIL	04/03/96	15:24:00	1.06	0.04	1.10	93		93		
AABBB001	XNCOMPIL	04/03/96	15:24:40	1.03	0.04	1.07	88		88		
AABBB001	XNJBKUPA	04/03/96	19:35:34	11.20	1.77	12.97	10164	5544	15708		
AABBB001	XNLGARCH	04/03/96	20:34:55	1.32	0.09	1.41	1132		1132		
AABBB001	XNLGAUDT	04/03/96	20:28:33	0.48	0.04	0.52	179		179		
AABBB001	XNLGBGND	04/04/96	8:54:34	3.80	0.26	4.06	1214		1214		
AABBB001	XNLGDALY	04/04/96	20:00:38	66.64	8.29	74.93	64603	23496	88099		
AABBB001	XNLGDALY	04/04/96	20:43:40	67.23	8.84	76.07	64816	23596	88412		
AABBB001	XNLGDAYL	04/04/96	20:27:57	0.40	0.00	0.40					
AABBB001	XNLGE644	04/04/96	20:35:33	0.62	0.06	0.68	266		266		
AABBB001	XNLGE646	04/04/96	20:36:08	0.64	0.07	0.71	268		268		
AABBB001	XNLGFLEX	04/04/96	20:38:35	0.75	0.07	0.82	221		221		
AABBB001	XNLGLINK	04/05/96	15:25:31	0.49	0.02	0.51	101		101		
AABBB001	XNLGLINK	04/05/96	15:26:06	0.49	0.02	0.51	100		100		
AABBB001	XNLGNCP2	04/05/96	20:29:24	14.02	0.86	14.88	8555		8555		
AABBB001	XNLGOLGL	04/05/96	20:37:38	1.60	0.14	1.74	1286		1286		
AABBB001	XNLGSEPT	04/05/96	20:36:44	2.66	0.08	2.74	710		710		
AABBB001	XNLGSPLT	04/05/96	20:33:34	1.77	0.10	1.87	701		701		
AABBB001	XNLGSSA1	04/05/96	20:39:29	1.24	0.12	1.36	706		706		
AABBB001	XNLGSSA3	04/05/96	20:40:36	8.17	0.29	8.46	2901		2901		
AABBB001	XNLGVHUP	04/05/96	20:42:20	2.57	0.22	2.79	2178		2178		
AABBB001	XNPRELIM	04/06/96	19:50:57	62.37	5.03	67.40	42862	5075	47937	2130	73248
AABBB001	XNRSTBRP	04/06/96	20:24:58	8.46	1.50	9.96	9085	5080	14165		
TOTALS.....				287.01	30.20	317.21	219390	62791	282181	2145	73946

SPWTR013

Programmer Report in System ID Sequence

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR013)

PROGRAMMER NAME REPORT BY PROGRAMMER, SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY SYSTEM ID, PROGRAMMER NAME
- COLUMNS INCLUDE: PROGRAMMER NAME

NUMBER OF JOBS

ELAPSED TIME

CPU TIME

TOTAL SIOS

DISK SIOS

TAPE SIOS

TSO IN/OUTS

PAGING IN/OUTS

- CONTROL BREAK ON PROGRAMMER NAME, SYSTEM ID

- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

INPUT: CIMRC030-RECORD

INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND

CIMRC030-SMF30STP = 4 AND

CIMRC030-DELETE-CODE = ' ')

TITLE: 'DAILY REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE' #PAGENUM

TITLE: / 'PROGRAMMER REPORT' /

COMPUTE: PROGRAMMER = WHEN(CIMRC030-PROGRAMMER-NAME = ' ')

ASSIGN('????????')

ELSE

ASSIGN(CIMRC030-PROGRAMMER-NAME)

COMPUTE: JOBS = WHEN(CIMRC030-STEP-NUMBER = 001) ASSIGN(1)

COMPUTE: TSO-IN-OUT = CIMRC030-PAGES-IN + CIMRC030-PAGES-OUT

COMPUTE: PAGING-IN-OUT = CIMRC030-PAGES-IN + CIMRC030-PAGES-OUT

COMPUTE: CPU-TIME = (CIMRC030-STEP-TCBCPU-TIME +

CIMRC030-STEP-SRBCPU-TIME)

COLUMNS: PROGRAMMER('PROGRAMMER')

JOBS('JOBS')

CIMRC030-ELAPSED-TIME(PIC'ZZZZZZ9.99' 'DURATION')

CPU-TIME(PIC'ZZZZZZ9.99' 'CPU-TIME')

CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIOS')

CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIOS')

CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIOS')

TSO-IN-OUT(PIC'ZZZZZZZZ' 'TSO IN/OUT')

PAGING-IN-OUT(PIC'ZZZZZZZZ' 'PAGING IN/OUT')

SORT: CIMRC030-SYSTEM-ID PROGRAMMER

BREAK: PROGRAMMER

TOTAL(PROGRAMMER)

BREAK: CIMRC030-SYSTEM-ID

TOTAL('SUB TOTAL.....')

BREAK: #GRAND

TOTAL('GRAND TOTAL.....')

DAILY REPORT		CIMS JOB ACCOUNTING SYSTEM						PAGE 1	
		PROGRAMMER REPORT							
PROGRAMMER	JOBS	DURATION	CPU-TIME	TOTAL SIOS	DISK SIOS	TAPE SIOS	TSO IN/OUT	PAGING IN/OUT	
????????	6	0.24	4.16	306	306		718	718	
Miller	1	0.00	0.90	356	356		9	9	
Benson	3	0.16	1.60	548	548		400	400	
Smith	8	0.47	3.22	918	918		1292	1292	
Ledden	5	0.33	2.77	745	745		640	640	
SUB TOTAL.....	23	1.20	12.65	2873	2873		3059	3059	
????????	14	1.30	25.19	6499	6499		156	156	
Wong	3	0.46	90.33	77810	62111	15699			
Weinman	20	1.20	196.63	197210	150118	47092	21	21	
Arnold	130	26.55	642.11	548451	330800	217651	550	550	
Thrasher	33	4.10	238.61	254674	158950	95724	98	98	
Wells	12	1.01	86.43	183211	133900	49311	102	102	
Maloney	49	11.43	437.96	376940	297834	79106	129	129	
Dwyer	5	0.53	104.24	98200	98200				
SUB TOTAL.....	266	46.58	1821.50	1732995	1238412	504583	1056	1056	
GRAND TOTAL.....	289	47.78	1834.15	1735868	1241285	504583	4115	4115	

SPWTR015

Daily Usage Report by Month

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR015)

MONTHLY USAGE REPORT BY MONTH:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY STEP START DATE, STEP START TIME
- COLUMNS INCLUDE: STEP START DATE
PROGRAM NAME
STEP START TIME
STEP STOP TIME
ELAPSED TIME
CPU TIME
TOTAL SIOS
DISK SIOS
TAPE SIOS
PAGES IN
PAGES OUT
ABEND CODE
JOBNAME
ACCOUNT CODE
- CONTROL BREAK ON STEP START MONTH
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
           CIMRC030-SMF30STP = 4 AND
           CIMRC030-DELETE-CODE = ' ')
TITLE: 'DAILY REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE
      ' #PAGENUM
TITLE: / 'DAILY USAGE REPORT' /
COMPUTE: ELAPSED-TIME = (CIMRC030-ELAPSED-TIME * 3600)
COMPUTE: CPU-TIME = (CIMRC030-STEP-TCBCPU-TIME +
                   CIMRC030-STEP-SRBCPU-TIME)
```

(continued...)

(Control Statements continued...)

```
COMPUTE: LONG-MONTH = WHEN(CIMRC030-GREG-STR-MM - '01')
                   ASSIGN ('JANUARY')
                   WHEN(CIMRC030-GREG-STR-MM - '02')
                   ASSIGN ('FEBRUARY')
                   WHEN(CIMRC030-GREG-STR-MM - '03')
                   ASSIGN ('MARCH')
                   WHEN(CIMRC030-GREG-STR-MM - '04')
                   ASSIGN ('APRIL')
                   WHEN(CIMRC030-GREG-STR-MM - '05')
                   ASSIGN ('MAY')
                   WHEN(CIMRC030-GREG-STR-MM - '06')
                   ASSIGN ('JUNE')
                   WHEN(CIMRC030-GREG-STR-MM - '07')
                   ASSIGN ('JULY')
                   WHEN(CIMRC030-GREG-STR-MM - '08')
                   ASSIGN ('AUGUST')
                   WHEN(CIMRC030-GREG-STR-MM - '09')
                   ASSIGN ('SEPTEMBER')
                   WHEN(CIMRC030-GREG-STR-MM - '10')
                   ASSIGN ('OCTOBER')
                   WHEN(CIMRC030-GREG-STR-MM - '11')
                   ASSIGN ('NOVEMBER')
                   WHEN(CIMRC030-GREG-STR-MM - '12')
                   ASSIGN ('DECEMBER')
COLUMNS: CIMRC030-GREG-STR-DATE(' DATE |MM/DD/YY')
          CIMRC030-PROGRAM-NAME('PROGRAM|NAME')
          CIMRC030-STEP-START-TIME(TPIC'99:99:99' 'START|TIME|HH:MM:SS')
          CIMRC030-STEP-STOP-TIME(TPIC'99:99:99' 'STOP|TIME|HH:MM:SS')
          ELAPSED-TIME(PIC'ZZZZZ9.99' 'ELAPSED|TIME|SSSS.SS')
          CPU-TIME(PIC'ZZZZZZ9.99' 'CPU|TIME|SSSS.SS')
          CIMRC030-SIOS(PIC'ZZZZZZZ' 'TOTAL|SIO')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZZ' 'DISK|SIO')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZZ' 'TAPE|SIO')
          CIMRC030-PAGES-IN(PIC'ZZZZZ' 'VIRT|PAGE|INS')
          CIMRC030-PAGES-OUT(PIC'ZZZZZ' 'VIRT|PAGE|OUTS')
          CIMRC030-ABEND-CODE('COMP|CODE')
          CIMRC030-JOBNAME('JOB|NAME')
          CIMRC030-ACT1('ACCOUNTING|DATA')
SORT: CIMRC030-GREG-STR-MM CIMRC030-GREG-STR-DD
      CIMRC030-GREG-STR-YY CIMRC030-STEP-START-TIME
BREAK: CIMRC030-GREG-STR-MM
      TOTAL(LONG-MONTH)
BREAK: #GRAND
      TOTAL('TOTALS..')
```


SPWTR015

Daily Usage Report by Month

DAILY REPORT				CIMS JOB ACCOUNTING SYSTEM DAILY USAGE REPORT							PAGE 1		
DATE MM/DD/YY	PROGRAM NAME	START TIME HH:MM:SS	STOP TIME HH:MM:SS	ELAPSED TIME SSSS.SS	CPU TIME SSSS.SS	TOTAL SIO	DISK SIO	TAPE SIO	VIRT PAGE INS	VIRT PAGE OUTS	COMP CODE	JOB NAME	ACCOUNTING DATA
02/28/96	IEV90	11:09:46	11:09:57	11.52	0.81	326	326		9		S000	HDIRECTA	AABBB000
02/28/96	IEWL	11:09:58	11:10:01	3.24	0.09	30	30				S000	HDIRECTA	AABBB000
02/28/96	BLSQPRMI	11:37:31	11:38:13	42.48	1.02	30	30		46	109	S000	BLSJPRMI	AABBB000
02/28/96	IKJEFT01	11:37:31	11:38:52	81.00	0.79	6	6		40	60	S000	TMPCMD5	AABBB000
02/28/96	GsvxINST	11:39:12	11:39:13	0.36	0.04	8	8				S000	SYSVIEW	AABBB000
02/28/96	PCSIPL	11:39:16	11:40:02	45.72	0.19	18	18		33	77	S000	PCSINIT	AABBB000
02/28/96	PCSTSVFY	11:40:03	11:40:10	6.48	0.15	8	8		11		S000	PCSINIT	AABBB000
02/28/96	PNAIPL	11:40:11	11:40:12	1.44	0.10	10	10		1		S000	PCSINIT	AABBB000
02/28/96	IKJEFT01	11:47:56	11:50:45	169.20	1.13	136	136		32	71	S000	MAA	AABBB000
02/28/96	IKJEFT01	11:51:42	12:00:18	515.88	0.74	90	90		68	170	S000	MAA	AABBB000
FEBRUARY				877.32	5.06	662	662		240	487			
04/27/96	IKJEFT01	08:53:37	08:55:00	82.44	1.01	113	113				S000	TSXNTAR	AABBB001
04/27/96	BGNDAy	08:54:40	08:56:33	113.40	3.16	1133	1133		19		S000	XNLGBGND	AABBB001
04/27/96	BGNDAy	08:56:35	08:57:25	49.32	0.90	81	81		2		U00C	XNLGBGND	AABBB001
04/27/96	IKJEFT01	15:17:05	15:28:01	655.56	2.92	770	770		90		S000	TSXNRMT	AABBB001
04/27/96	IKJEFT01	15:23:36	15:39:04	928.08	2.30	292	292		66		S000	TSXNTAR	AABBB001
....			
04/27/96	IKJEFT01	19:49:25	19:56:01	396.00	1.06	119	119				S000	TSXNTAR	AABBB001
04/27/96	IDCAMS	19:51:02	19:51:16	14.04	0.65	59	59				S000	XNPRELIM	AABBB001
04/27/96	RYTE600	19:51:17	19:51:25	7.92	0.41	486	486				S000	XNPRELIM	AABBB001
04/27/96	LOADVSAM	19:51:25	19:51:26	0.72	0.04	17	17				S000	XNPRELIM	AABBB001
04/27/96	IDCAMS	19:51:27	19:55:39	252.36	10.33	13828	8753	5075			S000	XNPRELIM	AABBB001
04/27/96	SORT	19:55:40	19:55:43	2.16	0.14	5	5				S000	XNPRELIM	AABBB001
04/27/96	UPERS640	19:55:43	19:56:14	30.60	1.11	1307	1307				S000	XNPRELIM	AABBB001
04/27/96	SORT	19:56:15	19:56:17	2.16	0.17	5	5				S000	XNPRELIM	AABBB001
04/27/96	UPRWK050	19:56:18	19:58:55	156.96	24.22	7910	7910				S000	XNPRELIM	AABBB001
04/27/96	SORT	19:58:56	19:58:59	2.16	0.14	5	5				S000	XNPRELIM	AABBB001
04/27/96	UPRWK055	19:58:59	19:59:03	3.60	0.16	39	39				S000	XNPRELIM	AABBB001
04/27/96	SORT	19:59:04	19:59:11	6.84	0.33	40	40				S000	XNPRELIM	AABBB001
04/27/96	UPRWK070	19:59:12	19:59:19	7.92	0.82	613	613				S000	XNPRELIM	AABBB001
04/27/96	UPRWK090	19:59:20	19:59:50	29.52	2.47	2850	2850				S000	XNPRELIM	AABBB001
04/27/96	IKJEFT01	19:59:45	20:02:03	138.24	1.13	132	132				S000	TSXNTAR	AABBB001
04/27/96	UPRWK100	19:59:50	20:01:08	77.04	1.79	4171	4171				S000	XNPRELIM	AABBB001
04/27/96	SORT	20:01:10	20:01:21	11.52	0.39	33	33				S000	XNPRELIM	AABBB001
04/27/96	UPRWK110	20:01:22	20:01:33	11.16	0.73	165	165				S000	XNPRELIM	AABBB001
04/27/96	SORT	20:01:34	20:01:42	8.64	0.32	38	38				S000	XNPRELIM	AABBB001
04/27/96	UPRWK130	20:01:43	20:04:23	159.48	5.02	8444	8444				S000	XNPRELIM	AABBB001
04/27/96	IKJEFT01	21:28:20	21:29:04	43.92	0.89	200	200				S000	TSXNTAR	AABBB001
APRIL				10676.88	312.15	281519	218728	62791	177				
TOTALS..				11554.20	317.21	282181	219390	62791	417	487			

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR017)

DAILY USAGE SUMMARY REPORT BY STEP START DATE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- FOOTNOTES PRINT AT THE BOTTOM OF EACH PAGE
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY STEP START DATE
- COLUMNS INCLUDE: STEP START DATE
 NUMBER OF JOBS
 ELAPSED TIME
 % USAGE
 CPU TIME
 % USAGE
 TOTAL SIOS
 DISK SIOS
 TAPE SIOS
 TOTAL SIOS PER SECOND
 DISK SIOS PER SECOND
 TAPE SIOS PER SECOND
 VIRTUAL PAGES IN
 VIRTUAL PAGES OUT
 VIRTUAL PAGES IN/OUT PER SECOND
- CONTROL BREAK ON STEP START DATE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
           CIMRC030-SMF30STP = 4 AND
           CIMRC030-DELETE-CODE = ' ')
TITLE: 'DAILY REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAG
E' #PAGENUM
TITLE: / 'DAILY UTILIZATION REPORT' /
FOOTNOTE: ' SYSTEM ACTIVE = ELAPSED HOURS FOR JOBS PROCESSED' /
FOOTNOTE: ' % USAGE = MULTIPROGRAMMING FACTOR = SYSTEM ACTIVE * 1
00 / 24 HOURS' /
FOOTNOTE: ' % USAGE = CPU TIME / 936 MINUTES (ALLOWS FOR 35% SYST
EM OVERHEAD)' /
FOOTNOTE: ' SIO,S PER SEC = SIO COUNT / 86400 SECONDS' /
FOOTNOTE: ' PAGING PER SEC = TOTAL PAGES SWAPPED IN & OUT / 86400 SECON
D
S' /
COMPUTE: JOBS = WHEN(CIMRC030-STEP-NUMBER = 001) ASSIGN(1)
COMPUTE: USAGE1 = (CIMRC030-ELAPSED-TIME / .24)
COMPUTE: CPU-TIME = (CIMRC030-STEP-TCBCPU-TIME +
                   CIMRC030-STEP-SRBCPU-TIME)
COMPUTE: USAGE2 = (CPU-TIME / 561.6)
COMPUTE: SIOS-TOT-SEC = (CIMRC030-SIOS / 86400)
COMPUTE: SIOS-DSK-SEC = (CIMRC030-DISK-SIOS / 86400)
COMPUTE: SIOS-TPE-SEC = (CIMRC030-TAPE-SIOS / 86400)
COMPUTE: VPAGE-SEC = (CIMRC030-PAGES-IN + CIMRC030-PAGES-OUT) / 86400
COLUMNS: CIMRC030-GREG-STR-DATE(C-YMMDD ' DATE ' )
          JOBS('JOBS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZZ9.99' 'SYSTEM|ACTIVE')
          USAGE1(PIC'ZZZZZ' '%|USAGE')
          CPU-TIME(PIC'ZZZZZZZZ9.99' 'C P U|TIME')
          USAGE2(PIC'ZZZZ9.99' '%|USAGE')
          CIMRC030-SIOS(PIC'ZZZZZZZ' 'TOTAL|SIOS')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZZ' 'DISK|SIOS')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZZ' 'TAPE|SIOS')
          SIOS-TOT-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|TOTL')
          SIOS-DSK-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|DISK')
          SIOS-TPE-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|TAPE')
          CIMRC030-PAGES-IN(PIC'ZZZZZZZ' 'VIRTUAL|PAGES|IN')
          CIMRC030-PAGES-OUT(PIC'ZZZZZZZ' 'VIRTUAL|PAGES|OUT')
          VPAGE-SEC(PIC'ZZZ.99' 'VIRT|PAGES|SEC')
SORT: CIMRC030-GREG-STR-DATE
BREAK: CIMRC030-GREG-STR-DATE
       TOTAL(CIMRC030-GREG-STR-DATE)
BREAK: #GRAND
       TOTAL('TOTALS..')
    
```

DAILY REPORT		CIMS JOB ACCOUNTING SYSTEM DAILY UTILIZATION REPORT										PAGE 1		
DATE	JOBS	SYSTEM ACTIVE	% USAGE	C P U TIME	% USAGE	TOTAL SIOS	DISK SIOS	TAPE SIOS	SIOS PER SEC. TOTL	SIOS PER SEC. DISK	SIOS PER SEC. TAPE	VIRTUAL PAGES IN	VIRTUAL PAGES OUT	VIRT PAGES SEC
06/01/96	7	0.24	1	5.06	0.01	662	662					240	487	.01
06/02/96	37	2.97	12	312.15	0.56	281519	218728	62791	3	3	1	177		.00
06/03/96	10	0.45	2	11.44	0.02	78059	78059		1	1		100		.00
06/04/96	4	0.13	1	2.76	0.01	10870	10870					350	800	.02
06/05/96	21	1.76	6	201.93	0.30	133509	113004	20505	2	1	1	593		.00
06/06/96	13	0.78	4	9.88	0.03	99581	99581					200		.00
06/07/96	6	0.23	1	4.65	0.01	20566	20566					113	235	.01
06/08/96	44	3.21	15	317.21	0.62	303490	233593	69897	4	2	2	883	1432	.04
06/09/96	27	2.05	9	278.69	0.33	151850	100008	51842	2	1	1	301		.00
06/10/96	22	1.84	7	204.11	0.30	137369	89643	47726	2	1	1	140		.00
06/11/96	16	0.99	5	132.94	0.04	103530	103530					332		.00
06/12/96	8	0.27	2	6.86	0.01	52215	52215					674	858	.02
06/13/96	2	0.03	1	1.43	0.01	8954	8954					94		.00
06/14/96	1	0.01	1	1.02	0.01	3948	3948					68		.00
06/15/96	33	2.66	10	299.02	0.50	266100	193857	72243	4	2	2	760		.00
06/16/96	25	1.95	8	245.53	0.33	145348	95837	49511	2	1	1	441	393	.01
06/17/96	3	0.10	1	2.40	0.01	10283	10283					105		.00
TOTALS..	280	3.21	86	2274.68	3.10	1807853	1433338	374515	20	12	9	417	4205	.11

SYSTEM ACTIVE = ELAPSED HOURS FOR JOBS PROCESSED
 % USAGE = MULTIPROGRAMMING FACTOR = SYSTEM ACTIVE * 100 / 24 HOURS
 % USAGE = CPU TIME / 936 MINUTES (ALLOWS FOR 35% SYSTEM OVERHEAD)
 SIO,S PER SEC = SIO COUNT / 86400 SECONDS
 PAGING PER SEC = TOTAL PAGES SWAPPED IN & OUT / 86400 SECONDS

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR018)

DAILY USAGE SUMMARY REPORT BY SYSTEM ID, STEP START DATE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- FOOTNOTES PRINT AT THE BOTTOM OF EACH PAGE
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY STEP START DATE
- COLUMNS INCLUDE: STEP START DATE
 NUMBER OF JOBS
 ELAPSED TIME
 % USAGE
 CPU TIME
 % USAGE
 TOTAL SIOS
 DISK SIOS
 TAPE SIOS
 TOTAL SIOS PER SECOND
 DISK SIOS PER SECOND
 TAPE SIOS PER SECOND
 VIRTUAL PAGES IN
 VIRTUAL PAGES OUT
 VIRTUAL PAGES IN/OUT PER SECOND
- CONTROL BREAK ON STEP START DATE, SYSTEM ID
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
            CIMRC030-SMF30STP = 4 AND
            CIMRC030-DELETE-CODE = ' ')
TITLE: 'DAILY REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAG
E' #PAGENUM
TITLE: / 'DAILY UTILIZATION REPORT' /
FOOTNOTE: ' SYSTEM ACTIVE = ELAPSED HOURS FOR JOBS PROCESSED' /
FOOTNOTE: ' % USAGE = MULTIPROGRAMMING FACTOR = SYSTEM ACTIVE * 1
00 / 24 HOURS' /
FOOTNOTE: ' % USAGE = CPU TIME / 936 MINUTES (ALLOWS FOR 35% SYST
EM OVERHEAD)' /
FOOTNOTE: ' SIO,S PER SEC = SIO COUNT / 86400 SECONDS' /
FOOTNOTE: ' PAGING PER SEC = TOTAL PAGES SWAPPED IN & OUT / 86400 SECON
D
S' /
COMPUTE: JOBS = WHEN(CIMRC030-STEP-NUMBER = 001) ASSIGN(1)
COMPUTE: USAGE1 = (CIMRC030-ELAPSED-TIME / .24)
COMPUTE: CPU-TIME = (CIMRC030-STEP-TCBCPU-TIME +
                    CIMRC030-STEP-SRBCPU-TIME)
COMPUTE: USAGE2 = (CPU-TIME / 561.6)
COMPUTE: SIOS-TOT-SEC = (CIMRC030-SIOS / 86400)
COMPUTE: SIOS-DSK-SEC = (CIMRC030-DISK-SIOS / 86400)
COMPUTE: SIOS-TPE-SEC = (CIMRC030-TAPE-SIOS / 86400)
COMPUTE: VPAGE-SEC = (CIMRC030-PAGES-IN + CIMRC030-PAGES-OUT) / 86400
COLUMNS: CIMRC030-GREG-STR-DATE(C-YMMDD ' DATE ')
          CIMRC030-SYSTEM-ID('SYSTEM|ID')
          JOBS('JOBS')
          CIMRC030-ELAPSED-TIME(PIC'ZZZZZ9.99' 'SYSTEM|ACTIVE')
          USAGE1(PIC'ZZZZZ' '%'|USAGE')
          CPU-TIME(PIC'ZZZZZZ9.99' 'C P U|TIME')
          USAGE2(PIC'ZZZZ9.99' '%'|USAGE')
          CIMRC030-SIOS(PIC'ZZZZZZZ' 'TOTAL|SIOS')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZZ' 'DISK|SIOS')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZZ' 'TAPE|SIOS')
          SIOS-TOT-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|TOTL')
          SIOS-DSK-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|DISK')
          SIOS-TPE-SEC(PIC'ZZZ' 'SIOS|PER|SEC.|TAPE')
          CIMRC030-PAGES-IN(PIC'ZZZZZZZ' 'VIRTUAL|PAGES|IN')
          CIMRC030-PAGES-OUT(PIC'ZZZZZZZ' 'VIRTUAL|PAGES|OUT')
          VPAGE-SEC(PIC'ZZZ.99' 'VIRT|PAGES|SEC')
SORT: CIMRC030-GREG-STR-DATE CIMRC030-SYSTEM-ID
BREAK: CIMRC030-SYSTEM-ID
      TOTAL(CIMRC030-GREG-STR-DATE CIMRC030-SYSTEM-ID)
BREAK: CIMRC030-GREG-STR-DATE
      TOTAL(CIMRC030-GREG-STR-DATE)
BREAK: #GRAND
      TOTAL('TOTALS..')
    
```

DAILY REPORT			CIMS JOB ACCOUNTING SYSTEM DAILY UTILIZATION REPORT										PAGE 1		
DATE	SYSTEM ID	JOBS	SYSTEM ACTIVE	% USAGE	C P U TIME	% USAGE	TOTAL SIOS	DISK SIOS	TAPE SIOS	SIOS PER SEC. TOTL	SIOS PER SEC. DISK	SIOS PER SEC. TAPE	VIRTUAL PAGES IN	VIRTUAL PAGES OUT	VIRT PAGES SEC
06/01/96	C1	7	0.24	1	5.06	0.01	662	662					240	487	.01
06/01/96		7	0.24	1	5.06	0.01	662	662					240	487	.01
06/02/96	9501	37	2.97	12	312.15	0.56	281519	218728	62791	3	3	1	177		.00
06/02/96		37	2.97	12	312.15	0.56	281519	218728	62791	3	3	1	177		.00
06/03/96	C1	10	0.45	2	11.44	0.02	78059	78059		1	1		100		.00
06/03/96	MVSA	4	0.13	1	2.76	0.01	10870	10870					350	800	.02
06/03/96	MVSB	21	1.76	6	201.93	0.30	133509	113004	20505	2	1	1	593		.00
06/03/96	MVSC	13	0.78	4	9.88	0.03	99581	99581					200		.00
06/03/96	MVSD	6	0.23	1	4.65	0.01	20566	20566					113	235	.01
06/03/96	MVSE	44	3.21	15	317.21	0.62	303490	233593	69897	4	2	2	883	1432	.04
06/03/96	MVSF	27	2.05	9	278.69	0.33	151850	100008	51842	2	1	1	301		.00
06/03/96	9501	22	1.84	7	204.11	0.30	137369	89643	47726	2	1	1	140		.00
06/03/96		147	10.45	45	1030.67	1.62	935294	745324	190025	11	6	5	2680	2467	.07
TOTALS..		191	13.66	58	1347.88	2.19	1217475	964714	252816	14	9	6	3097	2954	.08

SYSTEM ACTIVE = ELAPSED HOURS FOR JOBS PROCESSED
 % USAGE = MULTIPROGRAMMING FACTOR = SYSTEM ACTIVE * 100 / 24 HOURS
 % USAGE = CPU TIME / 936 MINUTES (ALLOWS FOR 35% SYSTEM OVERHEAD)
 SIO,S PER SEC = SIO COUNT / 86400 SECONDS
 PAGING PER SEC = TOTAL PAGES SWAPPED IN & OUT / 86400 SECONDS

Print Reports Follow

Print Reports

SPWTR020 PRINT FORM REPORT IN PRINT FORM SEQUENCE50
SPWTR021 PRINT FORM REPORT BY ACCOUNT CODE AND FORM ID.....52
SPWTR022 PRINT REPORT IN ACCOUNT CODE SEQUENCE54
SPWTR023 PRINT FORM REPORT IN ACCOUNT AND JOB NAME SEQUENCE.....56

SPWTR020

Print Form Report in Print Form Sequence

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR020)

PRINT FORM SUMMARY REPORT BY FORM ID:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 6
- INCLUDE ALL WRITER TYPE RECORDS NOT EQUAL TO 'SYSPUNCH' AND ELAPSED TIME GREATER THAN ZERO
- SORTED BY FORM ID, ACCOUNT CODE, JOBNAME
- COLUMNS INCLUDE: FORM ID
ACCOUNT CODE
JOBNAME
SYSOUT CLASS
WRITER START DATE
WRITER START TIME
LINES PRINTED
PAGES PRINTED
PRINT TIME MINUTES
PRINT LINES PER MINUTE
JOB TURNAROUND
- CONTROL BREAK ON FORM ID
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMRC006-RECORD
INCLUDEIF: (CIMRC006-REC-TYPE = 6 AND
           NOT CIMRC006-WRITER-TYPE = 'SYSPUNCH' AND
           CIMRC006-ELAPSED-TIME > 0)
TITLE: 'FORM REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE
      ' #PAGENUM
TITLE: / 'PRINT FORM REPORT' /
TITLE: / 'FORM ID SEQUENCE' /
COMPUTE: TIME-MIN = CIMRC006-ELAPSED-TIME * 60.00
COMPUTE: LINES-MIN(DIVTOTS) = CIMRC006-LINES-PRINTED / TIME-MIN
COMPUTE: JOB-TURNA = (CIMRC006-WEND-DATE - CIMRC006-JOB-START-DATE) *
                  (24.00) +
                  (CIMRC006-WSTOP-TIME - CIMRC006-WSTART-TIME)
COLUMNS: CIMRC006-SMF6EFMN('FORM')
          CIMRC006-ACT1('ACCOUNT')
          CIMRC006-JOBNAME('JOB NAME')
          CIMRC006-SYSOUT-CLASS('CLASS')
          CIMRC006-WSTART-DATE1('DATE')
          CIMRC006-WSTART-TIME1(TPIC'Z9:99:99' 'TIME|HH:MM:SS')
          CIMRC006-LINES-PRINTED(PIC'ZZZZZZZZ' 'LINES')
          CIMRC006-PAGES-PRINTED(PIC'ZZZZZZZZ' 'PAGES')
          TIME-MIN(PIC'ZZZZZZZ9.999' 'PRINT TIME|MMM.MMM')
          LINES-MIN(PIC'ZZZZZZZZ' 'LINES/MIN')
          JOB-TURNA(PIC'ZZZZZZZZ' 'JOB TURNAROUND')
SORT: CIMRC006-SMF6EFMN CIMRC006-ACT1 CIMRC006-JOBNAME
BREAK: CIMRC006-SMF6EFMN
      NOTOTAL
      FOOTING(CIMRC006-SMF6EFMN 43
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 42
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
```


FORM REPORT		CIMS JOB ACCOUNTING SYSTEM					PAGE 1			
		PRINT FORM REPORT								
		FORM ID SEQUENCE								
FORM	ACCOUNT	JOB NAME	CLASS	DATE	TIME HH:MM:SS	LINES	PAGES	PRINT TIME MMM.MMM	LINES/MIN	JOB TURNAROUND
O245						2563	144	2.634	973	
R070						11002	288	8.604	1279	
R088						887	54	0.852	1041	
R090						24004	586	12.204	1967	
R092						2103	138	1.824	1153	
R110						16126	319	14.676	1099	
R150						7192	220	4.926	1460	
R240						2698	144	3.816	707	
R245						5328	182	4.770	1117	
STD						1801	63	1.164	1547	
S640						242	7	0.240	1008	
TOTALS...						73946	2145	55.710	1327	

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR021)

PRINT FORM SUMMARY REPORT BY ACCOUNT CODE, FORM ID:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 6
- INCLUDE ALL WRITER TYPE RECORDS NOT EQUAL TO 'SYSPUNCH' AND ELAPSED TIME GREATER THAN ZERO
- SORTED BY ACCOUNT CODE, FORM ID, JOBNAME
- COLUMNS INCLUDE: ACCOUNT CODE
FORM ID
JOBNAME
SYSOUT CLASS
WRITER START DATE
WRITER START TIME
LINES PRINTED
PAGES PRINTED
PRINT TIME MINUTES
PRINT LINES PER MINUTE
JOB TURNAROUND
- CONTROL BREAK ON ACCOUNT CODE, FORM ID
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC006-RECORD
INCLUDEIF: (CIMRC006-REC-TYPE = 6 AND
           NOT CIMRC006-WRITER-TYPE = 'SYSPUNCH' AND
           CIMRC006-ELAPSED-TIME > 0)
TITLE: 'FORM REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE
      ' #PAGENUM
TITLE: / 'PRINT FORM REPORT' /
TITLE: / 'ACCOUNT CODE & FORM ID SEQUENCE' /
COMPUTE: TIME-MIN = CIMRC006-ELAPSED-TIME * 60.00
COMPUTE: LINES-MIN(DIVTOTS) = CIMRC006-LINES-PRINTED / TIME-MIN
COMPUTE: JOB-TURNA = (CIMRC006-WEND-DATE - CIMRC006-JOB-START-DATE) *
                  (24.00) +
                  (CIMRC006-WSTOP-TIME - CIMRC006-WSTART-TIME)
COLUMNS: CIMRC006-ACT1('ACCOUNT')
          CIMRC006-SMF6EFMN('FORM')
          CIMRC006-JOBNAME('JOB NAME')
          CIMRC006-SYSOUT-CLASS('CLASS')
          CIMRC006-WSTART-DATE1('DATE')
          CIMRC006-WSTART-TIME1(TPIC'Z9:99:99' 'TIME|HH:MM:SS')
          CIMRC006-LINES-PRINTED(PIC'ZZZZZZZZ' 'LINES')
          CIMRC006-PAGES-PRINTED(PIC'ZZZZZZZZ' 'PAGES')
          TIME-MIN(PIC'ZZZZZZZ9.999' 'PRINT TIME|MMM.MMM')
          LINES-MIN(PIC'ZZZZZZZZ' 'LINES/MIN')
          JOB-TURNA(PIC'ZZZZZZZZ' 'JOB TURNAROUND')
SORT: CIMRC006-ACT1 CIMRC006-SMF6EFMN CIMRC006-JOBNAME
BREAK: CIMRC006-SMF6EFMN
      NOTOTAL
      FOOTING(CIMRC006-ACT1
              CIMRC006-SMF6EFMN 34
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: CIMRC006-ACT1
      NOTOTAL
      FOOTING(CIMRC006-ACT1 43
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 42
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
    
```

FORM REPORT

CIMS JOB ACCOUNTING SYSTEM
 PRINT FORM REPORT
 ACCOUNT CODE & FORM ID SEQUENCE

PAGE 1

ACCOUNT	FORM	JOB NAME CLASS	DATE	TIME HH:MM:SS	LINES	PAGES	PRINT TIME MMM.MMM	LINES/MIN	JOB TURNAROUND
AABBB001	O245				2563	144	2.634	973	
AABBB001	R070				11002	288	8.604	1279	
AABBB001	R088				887	54	0.852	1041	
AABBB001	R090				24004	586	12.204	1967	
AABBB001	R092				2103	138	1.824	1153	
AABBB001	R110				16126	319	14.676	1099	
AABBB001	R150				7192	220	4.926	1460	
AABBB001	R240				2698	144	3.816	707	
AABBB001	R245				5328	182	4.770	1117	
AABBB001	STD				1801	63	1.164	1547	
AABBB001	S640				242	7	0.240	1008	
AABBB001					73946	2145	55.710	1327	
TOTALS...					73946	2145	55.710	1327	

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

SPWTR022

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR022)

PRINT FORM SUMMARY REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 6
- INCLUDE ALL WRITER TYPE RECORDS NOT EQUAL TO 'SYSPUNCH' AND ELAPSED TIME GREATER THAN ZERO
- SORTED BY ACCOUNT CODE, FORM ID, JOBNAME
- COLUMNS INCLUDE: ACCOUNT CODE
FORM ID
JOBNAME
SYSOUT CLASS
WRITER START DATE
WRITER START TIME
LINES PRINTED
PAGES PRINTED
PRINT TIME MINUTES
PRINT LINES PER MINUTE
JOB TURNAROUND
- CONTROL BREAK ON ACCOUNT CODE
- SUMMARY REPORT

Print Report in Account Code Sequence

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMRC006-RECORD
INCLUDEIF: (CIMRC006-REC-TYPE = 6 AND
           NOT CIMRC006-WRITER-TYPE = 'SYSPUNCH' AND
           CIMRC006-ELAPSED-TIME > 0)
TITLE: 'ACCOUNT SEQUENCE' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY
      ' PAGE' #PAGENUM
TITLE: / 'PRINT REPORT' /
TITLE: / 'ACCOUNT CODE SEQUENCE' /
COMPUTE: TIME-MIN = CIMRC006-ELAPSED-TIME * 60.00
COMPUTE: LINES-MIN(DIVTOTS) = CIMRC006-LINES-PRINTED / TIME-MIN
COMPUTE: JOB-TURNA = (CIMRC006-WEND-DATE - CIMRC006-JOB-START-DATE) *
                   (24.00) +
                   (CIMRC006-WSTOP-TIME - CIMRC006-WSTART-TIME)
COLUMNS: CIMRC006-ACT1('ACCOUNT')
          CIMRC006-SMF6EFMN('FORM')
          CIMRC006-JOBNAME('JOB NAME')
          CIMRC006-SYSOUT-CLASS('CLASS')
          CIMRC006-WSTART-DATE1('DATE')
          CIMRC006-WSTART-TIME1(TPIC'Z9:99:99' 'TIME|HH:MM:SS')
          CIMRC006-LINES-PRINTED(PIC'ZZZZZZZZ' 'LINES')
          CIMRC006-PAGES-PRINTED(PIC'ZZZZZZZZ' 'PAGES')
          TIME-MIN(PIC'ZZZZZZZ9.999' 'PRINT TIME|MMM.MMM')
          LINES-MIN(PIC'ZZZZZZZZ' 'LINES/MIN')
          JOB-TURNA(PIC'ZZZZZZZZ' 'JOB TURNAROUND')
SORT: CIMRC006-ACT1 CIMRC006-SMF6EFMN CIMRC006-JOBNAME
BREAK: CIMRC006-ACT1
      NOTOTAL
      FOOTING(CIMRC006-ACT1 43
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 42
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
```

ACCOUNT SEQUENCE		CIMS JOB ACCOUNTING SYSTEM PRINT REPORT ACCOUNT CODE SEQUENCE						PAGE	1	
ACCOUNT	FORM	JOB NAME	CLASS	DATE	TIME HH:MM:SS	LINES	PAGES	PRINT TIME MMM.MMM	LINES/MIN	JOB TURNAROUND
AABBB001						73946	2145	55.710	1327	
AABBB002						9283	130	9.049	1026	
AABBB003						20488	948	25.491	804	
AABBB004						10389	155	13.453	772	
AABBB005						3847	69	6.494	592	
AABBB006						48773	1499	40.300	1210	
AABBB007						10019	144	11.003	911	
AABBB008						2282	54	5.902	387	
AABBB009						99033	2495	58.484	1693	
AABBB010						8473	122	10.330	820	
AABBB011						57493	1560	44.948	1279	
TOTALS...						344026	9321	281.164	1224	

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR023)

PRINT FORM SUMMARY REPORT BY ACCOUNT CODE, JOBNAME

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 6
- INCLUDE ALL WRITER TYPE RECORDS NOT EQUAL TO 'SYSPUNCH' AND ELAPSED TIME GREATER THAN ZERO
- SORTED BY ACCOUNT CODE, FORM ID, JOBNAME
- COLUMNS INCLUDE: ACCOUNT CODE
JOBNAME
FORM ID
SYSOUT CLASS
WRITER START DATE
WRITER START TIME
LINES PRINTED
PAGES PRINTED
PRINT TIME MINUTES
PRINT LINES PER MINUTE
JOB TURNAROUND
- CONTROL BREAK ON JOBNAME, ACCOUNT CODE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC006-RECORD
INCLUDEIF: (CIMRC006-REC-TYPE = 6 AND
           NOT CIMRC006-WRITER-TYPE = 'SYSPUNCH' AND
           CIMRC006-ELAPSED-TIME > 0)
TITLE: 'ACCOUNT/JOB SEQ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY
      ' PAGE' #PAGENUM
TITLE: / 'PRINT FORM REPORT' /
TITLE: / 'ACCOUNT CODE & JOB NAME SEQUENCE' /
COMPUTE: TIME-MIN = CIMRC006-ELAPSED-TIME * 60.00
COMPUTE: LINES-MIN(DIVTOTS) = CIMRC006-LINES-PRINTED / TIME-MIN
COMPUTE: JOB-TURNA = (CIMRC006-WEND-DATE - CIMRC006-JOB-START-DATE) *
                   (24.00) +
                   (CIMRC006-WSTOP-TIME - CIMRC006-WSTOP-TIME)
COLUMNS: CIMRC006-ACT1('ACCOUNT')
          CIMRC006-JOBNAME('JOB NAME')
          CIMRC006-SMF6EFMN('FORM')
          CIMRC006-SYSOUT-CLASS('CLASS')
          CIMRC006-WSTART-DATE1('DATE')
          CIMRC006-WSTART-TIME1(TPIC'Z9:99:99' 'TIME|HH:MM:SS')
          CIMRC006-LINES-PRINTED(PIC'ZZZZZZZZ' 'LINES')
          CIMRC006-PAGES-PRINTED(PIC'ZZZZZZZZ' 'PAGES')
          TIME-MIN(PIC'ZZZZZZZ9.999' 'PRINT TIME|MMM.MMM')
          LINES-MIN(PIC'ZZZZZZZZ' 'LINES/MIN')
          JOB-TURNA(PIC'ZZZZZZZZ' 'JOB TURNAROUND')
SORT: CIMRC006-ACT1 CIMRC006-SMF6EFMN CIMRC006-JOBNAME
BREAK: CIMRC006-JOBNAME
      NOTOTAL
      FOOTING(CIMRC006-ACT1
              CIMRC006-JOBNAME 34
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: CIMRC006-ACT1
      NOTOTAL
      FOOTING(CIMRC006-ACT1 43
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 42
              CIMRC006-LINES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              CIMRC006-PAGES-PRINTED(TOTAL PIC'ZZZZZZZZ')
              TIME-MIN(TOTAL PIC'ZZZZZZZ9.999') 2
              LINES-MIN(TOTAL PIC'ZZZZZZZZ'))
    
```

Print Form Report in Account and Job Name Sequence

ACCOUNT/JOB SEQ		CIMS JOB ACCOUNTING SYSTEM PRINT FORM REPORT ACCOUNT CODE & JOB NAME SEQUENCE						PAGE 1	
ACCOUNT	JOB NAME FORM	CLASS	DATE	TIME HH:MM:SS	LINES	PAGES	PRINT TIME MMM.MMM	LINES/MIN	JOB TURNAROUND
AABBB001	XNPRELIM				71903	2075	54.306	1324	
AABBB001	TSXNTAR				698	15	0.288	2424	
AABBB001	XNPRELIM				1345	55	1.116	1205	
AABBB001					73946	2145	55.710	1327	
AABBB002	CDRJD01S				9283	130	9.049	1026	
AABBB002					9283	130	9.049	1026	
AABBB003	KMFJD01S				1293	67	1.110	1165	
AABBB003	KMFJD02S				4059	204	5.201	780	
AABBB003	KMFJD03S				3000	157	4.853	618	
AABBB003	KMFJD04S				7054	292	7.204	979	
AABBB003	KMFJD05S				2003	100	2.399	835	
AABBB003	KMFJD06S				3079	128	4.724	652	
AABBB003					20488	948	25.491	804	
TOTALS...					103717	3223	90.250	1149	

NOTE: BLANK COLUMNS ABOVE WOULD BE POPULATED IF THIS WERE A DETAILED FORMAT REPORT (REMOVE "OPTION: SUMMARY" LINE TO SEE THIS AS A DETAIL REPORT).

CICS Reports Follow

CICS Reports

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SPWTR051 CICS TERMINAL ID SUMMARY REPORT	62
SPWTR052 CICS TRANSACTION ID SUMMARY REPORT	64
SPWTR053 CICS USER ID DETAIL REPORT	66
SPWTR054 CICS USER ID SUMMARY REPORT	68
SPWTR055 CICS APPLID SUMMARY REPORT	70
SPWTR150 CICS TRANSACTION SUMMARY REPORT FROM CICSRC05, 1.7-2.X	72
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SPWTR162 CICS USER ID SUMMARY REPORT FROM CICSRC01 DATA	94
SPWTR163 CICS APPLID SUMMARY REPORT FROM CICSRC01 DATA	96

SPWTR050

CICS Terminal ID Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR050)

CICS DETAIL PERFORMANCE REPORT BY DATE & TERMINAL ID.

- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0704' AND X'0804'
- SORTED BY RECORD DATE, TERMINAL ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

RECORD TIME
APPLICATION ID
USER ID
TERMINAL ID
TRANSACTION ID
OPERATOR ID
TRANSACTION TYPE ID
PROGRAM NAME
TRANS COUNT
CPU TIME
DISPATCH TIME
ACCOUNT CODE

- CONTROL BREAK ON TERMINAL ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSCMF2-V10D1M15
INCLUDEIF: CIMS-REC-TYPE = X'0704' OR CIMS-REC-TYPE = X'0804'
TITLE: 'SPWTR050 - REPORT' / 'CIMS CICS TRANSACTION ACCOUNTING
SYSTEM'
/ #TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0 ' /
TITLE: / 'TERMINAL ID SEQUENCE' /
COPY: ACCTCD02 LIST(YES
THIS COPYBOOK IS USED FOR 128 BYTE CIMSCMF2 RECORDS
TO CONSTRUCT THE USER ACCOUNT CODE FIELD, ALLOW FOR AT
LEAST 8 BYTES. THE "#SUBSTR" COMMAND SELECTS THOSE
CHARACTERS NEEDED TO CREATE THE USER ACCOUNT CODE.
FIELD: CIMS-CICS-ACCT-CODE LEN(32) COL(13)
COMPUTE: USER-ACCT-CD1(08) = #SUBSTR(CIMS-CICS-ACCT-CODE,1,4)
COMPUTE: USER-ACCT-CD2(08) = #SUBSTR(CIMS-CICS-ACCT-CODE,1,8)
COMPUTE: USER-ACCT-CD3(12) = #SUBSTR(CIMS-CICS-ACCT-CODE,1,12)
COMPUTE: USER-ACCT-CD4(16) = #SUBSTR(CIMS-CICS-ACCT-CODE,1,16)
COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
COLUMNS: CIMS-START-DATE(C-YMMMDD 'DATE')
CIMS-START-TIME('HH:MM:SS.SSSSSS')
CIMS-APPLID('APPL ID')
CIMS-USERID('USER ID')
CIMS-TERM('TERMINAL|ID')
CIMS-TRAN('TRANS|ID')
CIMS-OPER('OPER|ID')
CIMS-TRANS-TYPE-ID('TRANS|TYPE')
CIMS-PROGRAM-NAME('PROGRAM|NAME')
TRANS-COUNT(PIC'ZZZZZ9' 'TRANS|COUNT')
CPU-TIME(PIC'ZZZZZ9.999999' 'CPU TIME|SSSSSS.SSSSSS')
DISPATCH-TIME(PIC'ZZZZZ9.999999' 'TRANS
TIME|SSSSSS.SSSSSS')
USER-ACCT-CD1('ACCOUNTING|DATA')
SORT: CIMS-START-DATE CIMS-TERM CIMS-START-TIME
BREAK: CIMS-TERM
TOTAL(CIMS-START-DATE(C-YMMMDD) 30 CIMS-TERM)
BREAK: CIMS-START-DATE
TOTAL(CIMS-DATE(C-YMMMDD))
BREAK: #GRAND
TOTAL('TOTALS...')
```

SPWTR050

CICS Terminal ID Detail Report

SPWTR050 - REPORT

CIMS CICS TRANSACTION ACCOUNTING SYSTEM
 CICS PERFORMANCE RECORDS
 CIMS CICS RELEASE 11.0
 TERMINAL ID SEQUENCE

08/07/96 PAGE 1

DATE	HH:MM:SS.SSSSSS	APPL ID	USER ID	TERMINAL ID	TRANS ID	OPER ID	TRANS TYPE	PROGRAM NAME	TRANS COUNT	CPU TIME SSSSSS.SSSSSS	TRANS TIME SSSSSS.SSSSSS	ACCOUNTING DATA
960212	17:01:37.136625	TDOCS01	SYS1		CSSY				1	0.000624	0.256624	TDOC
960212	17:01:45.575464	TDOCS01	SYS1		CSSY				1	0.003472	0.295504	TDOC
960212	17:01:47.894543	TDOCS01	SYS1		CSSY				1	0.005440	0.175792	TDOC
960212	17:01:47.901191	TDOCS01	SYS1		CSSY				1	0.000704	0.049184	TDOC
960212	17:01:47.901942	TDOCS01	SYS1		CSSY				1	0.000656	0.046528	TDOC
960212	17:01:47.902697	TDOCS01	SYS1		CSSY				1	0.000672	0.052912	TDOC
960212	17:01:47.904237	TDOCS01	SYS1		CSSY				1	0.000720	0.043632	TDOC
960212	17:01:50.358530	TDOCS01	SYS1		CSNC			DFHCRNP	1	0.030624	0.221600	TDOC
960212	17:01:58.006431	TDOCS01	SYS1		CSSY				1	0.001456	0.149152	TDOC
960212	19:05:01.504866	TDOCS01	SYS1		CSNE			DFHZNAC	1	0.002592	0.476800	TDOC
960212	19:05:52.220764	TDOCS01	SYS1		CATD			DFHZATD	1	0.014576	2.629072	TDOC
960212	19:11:38.806842	TDOCS01	SYS1		CATD			DFHZATD	1	0.015280	0.770480	TDOC
960212	19:11:40.794122	TDOCS01	SYS1		CSNE			DFHZNAC	1	0.002000	0.003776	TDOC
960212	19:26:57.214628	TDOCS01	SYS1		CSNE			DFHZNAC	1	0.005072	0.715760	TDOC
960212	19:27:01.692718	TDOCS01	SYS1		CSNE			DFHZNAC	1	0.002208	0.131280	TDOC
960212	19:27:52.062655	TDOCS01	SYS1		CATD			DFHZATD	1	0.014208	1.142048	TDOC
960212									16	0.100304	7.160144	
960212	19:11:41.607578	TDOCS01		M026	CSGM			DFHGMM	1	0.001392	0.018192	TDOC
960212	19:11:56.325621	TDOCS01		M026	CEDA		*	DFHEDA	1	0.022400	2.567760	TDOC
960212	19:12:04.980033	TDOCS01		M026	CEDA		*	DFHEDAP	1	0.038096	2.186416	TDOC
960212				M026					3	0.061888	4.772368	
960214	00:04:17.643635	TDOCS58	CICS		CSNE			DFHZNAC	1	0.001744	0.004528	TDOC
960214									1	0.001744	0.004528	
960214	00:04:14.704464	TDOCS58	CNSL		CEMT		*	DFHEMTP	1	0.693920	3.657008	TDOC
960214			CNSL						1	0.693920	3.657008	
960213									2	0.695664	3.661536	
TOTALS...									1042	35.100400	426.420704	

SPWTR051

CICS Terminal ID Summary Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR051)

CICS PERFORMANCE SUMMARY REPORT BY TERMINAL ID, RECORD DATE:
- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUR
- PROCESSES PERFORMANCE RECORD TYPES X'0704' AND X'0804'
- SORTED BY TERMINAL ID, RECORD DATE, MONTH

COLUMNS INCLUDE: TERMINAL ID
RECORD DATE
TERMINAL COUNT
TRANSACTION TIME
CPU TIME
TERMINAL INPUTS
TERMINAL OUTPUTS
FILE ACCESS COUNTS
TOTAL ACCESS COUNTS

- CONTROL BREAK ON TERMINAL ID, RECORD

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMSCMF2-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0704' OR X'0804')
TITLE: 'SPWTR051' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0' \ /
TITLE: / 'TERMINAL ID REPORT' /
COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
COMPUTE: RESPONSE-TIME = (CIMS-RESPONSE-TIME / 62500)
COMPUTE: MONTH = #MONTHNUM(CIMS-START-DATE)
COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
ASSIGN('JANUARY')
WHEN(MONTH = 02)
ASSIGN('FEBRUARY')
..
..
COLUMNS: CIMS-TERM('TERM-ID')
CIMS-START-DATE(C-YMMMDD 'DATE')
TRANS-COUNT(PIC'ZZZZZ9' 'COUNT')
RESPONSE-TIME(PIC'ZZZZZZ9.999999' 'RESPONSE TIME
SSSS.SSSSS')
DISPATCH-TIME(PIC'ZZZZZZ9.999999' 'TRANS TIME SSSSS.SSSSS')
CPU-TIME(PIC'ZZZZZZ9.999999' 'CPU TIME SSSSS.SSSSS')
CIMS-TERM-CNTL-INS(PIC'ZZZZZZZZ9' 'TERMINAL INPUTS')
CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZZZ9' 'TERMINAL OUTPUTS')
CIMS-FCNTL-ACCESS(PIC'ZZZZZZZZ9' 'FILE ACCESS COUNTS')
CIMS-FCNTL-TOTAL(PIC'ZZZZZZZZ9' 'TOTAL ACCESS COUNTS')
SORT: MONTH CIMS-TERM CIMS-START-DATE
BREAK: CIMS-START-DATE
TOTAL(CIMS-TERM CIMS-START-DATE(C-YMMMDD))
BREAK: CIMS-TERM
TOTAL(CIMS-TERM)
BREAK: MONTH
TOTAL(LONG-MONTH)
BREAK: #GRAND
TOTAL('TOTALS..')
```

SPWTR051

CICS Terminal ID Summary Report

SPWTR051		CIMS CICS TRANSACTION ACCOUNTING SYSTEM					08/08/96		PAGE 1	
		CICS PERFORMANCE RECORDS								
		CIMS CICS RELEASE 11.0								
		TERMINAL ID REPORT								
TERM ID	DATE	COUNT	RESPONSE TIME SSSS.SSSSS	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERMINAL INPUTS	TERMINAL OUTPUTS	FILE ACCESS COUNTS	TOTAL ACCESS COUNTS	
	960212	16	177930.131440	7.160144	0.100304	0	0	0	0	
	960213	331	217735.290272	241.931872	17.450080	0	0	0	12	
	960214	1	0.005056	0.004528	0.001744	0	0	0	0	
		348	395665.426768	249.096544	17.552128	0	0	0	12	
A106	960213	527	47.343824	8.071056	2.778336	527	13	506	506	
A106		527	47.343824	8.071056	2.778336	527	13	506	506	
CNSL	960213	12	138.379728	82.740800	6.606160	12	12	5	5	
CNSL	960214	1	7.622176	3.657008	0.693920	1	1	0	0	
CNSL		13	146.001904	86.397808	7.300080	13	13	5	5	
M026	960212	3	904.736256	4.772368	0.061888	3	2	3	6	
M026		3	904.736256	4.772368	0.061888	3	2	3	6	
M043	960213	2	16.937136	8.271824	0.716608	2	2	0	0	
M043		2	16.937136	8.271824	0.716608	2	2	0	0	
M059	960213	3	7.177136	5.844720	0.088608	3	3	0	0	
M059		3	7.177136	5.844720	0.088608	3	3	0	0	
SEQ1	960213	34	25.007584	0.157056	0.102464	34	34	0	0	
SEQ1		34	25.007584	0.157056	0.102464	34	34	0	0	
8A33	960213	28	399.992880	41.128112	3.088688	28	110	2	2	
8A33		28	399.992880	41.128112	3.088688	28	110	2	2	
FEBRUARY		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	
TOTALS..		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	

SPWTR052

CICS Transaction ID Summary Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR052)

CICS PERFORMANCE SUMMARY REPORT BY TRANSACTION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0704' AND X'0804'
- SORTED BY TRANSACTION ID, RECORD DATE, MONTH
- COLUMNS INCLUDE: TRANSACTION ID

RECORD DATE
TRANSACTION COUNT
TRANSACTION TIME
CPU TIME
TERMINAL INPUTS
TERMINAL OUTPUTS
FILE ACCESS COUNTS
TOTAL ACCESS COUNTS

- CONTROL BREAK ON TRANSACTION ID, RECORD DATE, MONTH

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMSCMF2-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0704' OR X'0804')
TITLE: 'SPWTR052' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE V11.0 ' /
TITLE: / 'TRANSACTION ID REPORT' /
COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
COMPUTE: RESPONSE-TIME = (CIMS-RESPONSE-TIME / 62500)
COMPUTE: MONTH = #MONTHNUM(CIMS-START-DATE)
COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
                        ASSIGN('JANUARY')
                        WHEN(MONTH = 02)
                        ASSIGN('FEBRUARY')
                        WHEN(MONTH = 03)
                        ASSIGN('MARCH')
                        WHEN(MONTH = 04)
                        ASSIGN('APRIL')
COLUMNS: CIMS-TRAN('TRAN|ID')
           CIMS-START-DATE(C-YMMDD 'DATE')
           TRANS-COUNT(PIC'ZZZZZ9' 'COUNT')
           RESPONSE-TIME(PIC'ZZZZZZ9.999999'
'RESPONSE|TIME|SSSS.SSSSS')
           DISPATCH-TIME(PIC'ZZZZZZ9.999999' 'TRANS|TIME|SSSS.SSSSS')
           CPU-TIME(PIC'ZZZZZZ9.999999' 'CPU|TIME|SSSS.SSSSS')
           CIMS-TERM-CNTL-INS(PIC'ZZZZZZZZ9' 'TERMINAL|INPUTS')
           CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZZZ9' 'TERMINAL|OUTPUTS')
           CIMS-FCNTL-ACCESS(PIC'ZZZZZZZZZZ9' 'FILE|ACCESS|COUNTS')
           CIMS-FCNTL-TOTAL(PIC'ZZZZZZZZZZ9' 'TOTAL|ACCESS|COUNTS')
SORT: MONTH CIMS-TRAN CIMS-START-DATE
BREAK: CIMS-START-DATE
      TOTAL(CIMS-TRAN CIMS-START-DATE(C-YMMDD))
BREAK: CIMS-TRAN
      TOTAL(CIMS-TRAN)
BREAK: MONTH
      TOTAL(LONG-MONTH)
BREAK: #GRAND
      TOTAL('TOTALS..')
```

SPWTR052									
CIMS CICS TRANSACTION ACCOUNTING SYSTEM									
CICS PERFORMANCE RECORDS									
CIMS CICS RELEASE V11.0									
TRANSACTION ID REPORT									
08/08/96 PAGE 1									
TRAN ID	DATE	COUNT	RESPONSE TIME SSSS.SSSSS	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERMINAL INPUTS	TERMINAL OUTPUTS	FILE ACCESS COUNTS	TOTAL ACCESS COUNTS
CATD	960213	3	4.947152	4.541600	0.044064	0	0	0	0
CATD	960213	26	26.570144	22.100592	0.543248	0	0	0	0
CATD		29	31.517296	26.642192	0.587312	0	0	0	0
CECI	960213	17	336.189600	3.480208	0.205776	17	2	2	2
CECI		17	336.189600	3.480208	0.205776	17	17	2	2
CEDA	960212	2	904.717712	4.754176	0.060496	2	1	3	6
CEDA		2	904.717712	4.754176	0.060496	2	1	3	6
CEDF	960212	20	1527.804512	3.63398	0.064624	20	3	0	0
CEDF	960213	554	227.864816	5.393936	1.852960	554	26	0	0
CEDF		574	1755.669328	9.027920	1.917584	574	29	0	0
CEMT	960213	16	211.552208	113.094304	8.153712	16	16	0	0
CEMT	960214	1	7.622176	3.657008	0.693920	1	1	0	0
TINQ	960213	7	195.349520	11.237168	0.518944	8	7	0	0
TNAM	960213	1	3.126512	1.821600	0.120000	1	1	0	0
TNAM		1	3.126512	1.821600	0.120000	1	1	0	0
FEBRUARY		1042	400771.997696	426.420704	35.100400	695	231	10612	10627
TOTALS..		1042	400771.997696	426.420704	35.100400	695	231	10612	10627

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR053)

- CICS PERFORMANCE SUMMARY REPORT BY USER ID, RECORD DATE:
- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0704' AND X'0804'
- SORTED BY USER ID, RECORD DATE, MONTH
- COLUMNS INCLUDE: USER ID
 TERMINAL ID
 TRANSACTION ID
 RECORD DATE
 TRANSACTION COUNT
 TRANSACTION TIME
 CPU TIME
 TERMINAL INPUTS
 TERMINAL OUTPUTS
 FILE ACCESS COUNTS
 TOTAL ACCESS COUNTS
- CONTROL BREAK ON USER ID, RECORD DATE, MONTH

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMSCMF2-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0704' OR X'0804')
TITLE: 'SPWTR053' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0 ' /
TITLE: / 'USER ID REPORT ' /
COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
COMPUTE: RESPONSE-TIME = (CIMS-RESPONSE-TIME / 62500)
COMPUTE: MONTH = #MONTHNUM(CIMS-START-DATE)
COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
                        ASSIGN('JANUARY')
                        WHEN(MONTH = 02)
                        ASSIGN('FEBRUARY')
                        WHEN(MONTH = 03)
COLUMNS: CIMS-USERID('USER|ID')
           CIMS-TERM('TERM|ID')
           CIMS-TRAN('TRAN|ID')
           CIMS-START-DATE(C-YMMDD 'DATE')
           RESPONSE-TIME(PIC'ZZZZZZZ9.999999'
'RESPONSE|TIME|SSSS.SSSSS')
           DISPATCH-TIME(PIC'ZZZZZZZ9.999999' 'TRANS|TIME|SSSS.SSSSS')
           CPU-TIME(PIC'ZZZZZZZ9.999999' 'CPU|TIME|SSSS.SSSSS')
           CIMS-TERM-CNTL-INS(PIC'ZZZZZZZZZ9' 'TERMINAL|INPUTS')
           CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZZZZ9' 'TERMINAL|OUTPUTS')
           CIMS-FCNTL-ACCESS(PIC'ZZZZZZZZZZZ9' 'FILE|ACCESS|COUNTS')
           CIMS-FCNTL-TOTAL(PIC'ZZZZZZZZZZZ9' 'TOTAL|ACCESS|COUNTS')
SORT: MONTH CIMS-USERID CIMS-START-DATE
BREAK: CIMS-START-DATE
      TOTAL(CIMS-USERID 2 CIMS-START-DATE(C-YMMDD))
BREAK: CIMS-USERID
      TOTAL(CIMS-USERID)
BREAK: MONTH
      TOTAL(LONG-MONTH)
BREAK: #GRAND
      TOTAL('TOTALS..')
    
```


SPWTR053

CICS User ID Detail Report

PWTR053											
CIMS CICS TRANSACTION ACCOUNTING SYSTEM											
CICS PERFORMANCE RECORDS											
CIMS CICS RELEASE 11.0											
USER ID REPORT											
USER ID	TERM ID	TRAN ID	DATE	RESPONSE TIME SSSS.SSSSS	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERMINAL INPUTS	TERMINAL OUTPUTS	FILE ACCESS COUNTS	TOTAL ACCESS COUNTS	
	3C02	CEDF	960212	0.004432	0.003680	0.003216	1	0	0	0	
	M026	CEDA	960212	896.063296	2.186416	0.038096	1	0	0	0	
	3C02	CEDF	960212	0.018688	0.003184	0.003008	1	0	0	0	
	8A33	CECI	960213	1.369408	0.004192	0.003200	1	1	0	0	
	8A33	CECI	960213	14.946080	0.004608	0.001632	1	1	0	0	
	CNSL	CEMT	960213	46.945920	31.778192	0.730864	1	1	0	0	
	8A33	CECI	960213	8.736992	0.005152	0.003232	1	1	0	0	
	A106	CEDF	960213	0.013584	0.004144	0.003392	1	0	0	0	
	A106	CEDF	960213	0.003344	0.002960	0.003056	1	0	0	0	
	3191	TMAP	960213	1.253984	1.008784	0.025184	1	1	0	0	
	3191	TMAP	960213	0.308304	0.070736	0.022816	1	1	0	0	
	3191	TMAP	960213	0.006032	0.005696	0.003040	1	1	0	0	
CICS		CSNE	960214	0.005056	0.004528	0.001744	0	0	0	0	
CICS			960214	0.005056	0.004528	0.001744	0	0	0	0	
CICS				217606.215568	13.720160	15.474976	0	0	0	11	
SYS1		CATD	960213	2.132496	1.859056	0.014672	0	0	0	0	
SYS1		CATD	960213	3.387088	3.054704	0.017984	0	0	0	0	
SYS1		CSNE	960213	0.347936	0.347600	0.002624	0	0	0	0	
SYS1			960213	129.079760	58.216240	1.976848	0	0	0	1	
SYS1				178059.211200	65.376384	2.077152	0	0	0	1	
FEBRUARY				400771.997696	426.420704	35.100400	695	231	10612	10627	
TOTALS..				400771.997696	426.420704	35.100400	695	231	10612	10627	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR054)

CICS PERFORMANCE SUMMARY REPORT BY USER ID, RECORD DATE:
 - RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
 - PROCESSES PERFORMANCE RECORD TYPES X'0704', X'0804'
 - SORTED BY USER ID, RECORD DATE, MONTH
 - COLUMNS INCLUDE: USER ID

RECORD DATE
 TRANSACTION COUNT
 CPU TIME
 TERMINAL INPUTS
 TERMINAL OUTPUTS
 FILE ACCESS COUNTS
 TOTAL ACCESS COUNTS

- CONTROL BREAK ON USER ID, RECORD DATE, MONTH

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY
 INPUT: CIMSCMF2-V10D1M15
 INCLUDEIF: (CIMS-REC-TYPE = X'0704' OR X'0804')
 TITLE: 'SPWTR054' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM'
 #TODAY 'PAGE' #PAGENUM
 TITLE: / 'CICS PERFORMANCE RECORDS' /
 TITLE: / 'CIMS CICS RELEASE V11.0' /
 TITLE: / 'USER ID REPORT' /
 COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
 COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
 COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
 COMPUTE: RESPONSE-TIME = (CIMS-RESPONSE-TIME / 62500)
 COMPUTE: MONTH = #MONTHNUM(CIMS-START-DATE)
 COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
 ASSIGN('JANUARY')
 WHEN(MONTH = 02)
 ASSIGN('FEBRUARY')
 WHEN(MONTH = 03)
 ASSIGN('MARCH')
 WHEN(MONTH = 04)
 ASSIGN('APRIL')

(continued...)

(Control Statements continued...)

COLUMNS: CIMS-USERID('USER|ID')
 CIMS-START-DATE(C-YMMDD 'DATE')
 TRANS-COUNT(PIC'ZZZZZ9' 'COUNT')
 RESPONSE-TIME(PIC'ZZZZZZ9.999999'
 'RESPONSE|TIME|SSSS.SSSSS')
 DISPATCH-TIME(PIC'ZZZZZZ9.999999' 'TRANS|TIME|SSSS.SSSSS')
 CPU-TIME(PIC'ZZZZZZ9.999999' 'CPU|TIME|SSSS.SSSSS')
 CIMS-TERM-CNTL-INS(PIC'ZZZZZZZZ9' 'TERMINAL|INPUTS')
 CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZZZ9' 'TERMINAL|OUTPUTS')
 CIMS-FCNTL-ACCESS(PIC'ZZZZZZZZZZ9' 'FILE|ACCESS|COUNTS')
 CIMS-FCNTL-TOTAL(PIC'ZZZZZZZZZZ9' 'TOTAL|ACCESS|COUNTS')
 SORT: MONTH CIMS-USERID CIMS-START-DATE
 BREAK: CIMS-START-DATE
 TOTAL(CIMS-USERID CIMS-START-DATE(C-YMMDD))
 BREAK: CIMS-USERID
 TOTAL(CIMS-USERID)
 BREAK: MONTH
 TOTAL(LONG-MONTH)
 BREAK: #GRAND
 TOTAL('TOTALS..')

CIMS CICS TRANSACTION ACCOUNTING SYSTEM										
CICS PERFORMANCE RECORDS										
CIMS CICS RELEASE V11.0										
USER ID REPORT										
SPWTR054									08/07/96	PAGE 1
USER ID	DATE	COUNT	RESPONSE TIME SSSS.SSSSSS	TRANS TIME SSSS.SSSSSS	CPU TIME SSSS.SSSSSS	TERMINAL INPUTS	TERMINAL OUTPUTS	FILE ACCESS COUNTS	TOTAL ACCESS COUNTS	
	960212	25	4025.461552	16.809728	2.802464	25	7	10099	10102	
	960213	668	1073.487200	156.857424	14.051888	669	223	513	513	
	960214	1	7.622176	3.657008	0.693920	1	1	0	0	
		694	5106.570928	177.324160	17.548272	695	231	10612	10615	
CICS	960213	277	217606.210512	183.715632	5.473232	0	0	0	11	
CICS	960214	1	0.005056	0.004528	0.001744	0	0	0	0	
CICS		278	217606.215568	183.720160	15.474976	0	0	0	11	
SYS1	960212	16	177930.131440	7.160144	0.100304	0	0	0	0	
SYS1	960213	54	129.079760	58.216240	1.976848	0	0	0	1	
SYS1		70	178059.211200	65.376384	2.077152	0	0	0	1	
FEBRUARY		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	
TOTALS..		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	

SPWTR055

CICS APPLID Summary Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR055)

CICS PERFORMANCE SUMMARY REPORT BY APPLICATION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0704' AND X'0804'
- SORTED BY APPLICATION ID, RECORD DATE, MONTH
- COLUMNS INCLUDE: APPLICATION ID
RECORD DATE
TRANSACTION COUNT
TRANSACTION TIME
CPU TIME
TERMINAL INPUTS
TERMINAL OUTPUTS
FILE ACCESS COUNTS
TOTAL ACCESS COUNTS
- CONTROL BREAK ON APPLICATION ID, RECORD DATE, MONTH

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMSCMF2-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0704' OR X'0804')
TITLE: 'SPWTR055' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE V11.0 ' /
TITLE: / 'APPLICATION ID REPORT' /
COMPUTE: TRANS-COUNT = CIMS-CICS-TRAN-COUNT
COMPUTE: CPU-TIME = (CIMS-CPU-TIME / 62500)
COMPUTE: DISPATCH-TIME = (CIMS-DISPATCH-TIME / 62500)
COMPUTE: RESPONSE-TIME = (CIMS-RESPONSE-TIME / 62500)
COMPUTE: MONTH = #MONTHNUM(CIMS-START-DATE)
COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
                        ASSIGN('JANUARY')
                        WHEN(MONTH = 02)
                        ASSIGN('FEBRUARY')
                        WHEN(MONTH = 03)
                        ASSIGN('MARCH')
                        WHEN(MONTH = 04)

COLUMNS: CIMS-APPLID('APPL|ID')
          CIMS-START-DATE(C-YMMDD 'DATE')
          TRANS-COUNT(PIC'ZZZZZZ9' 'COUNT')
          RESPONSE-TIME(PIC'ZZZZZZ9.999999'
'RESPONSE|TIME|SSSS.SSSSS')
          DISPATCH-TIME(PIC'ZZZZZZ9.999999' 'TRANS|TIME|SSSS.SSSSS')
          CPU-TIME(PIC'ZZZZZZ9.999999' 'CPU|TIME|SSSS.SSSSS')
          CIMS-TERM-CNTL-INS(PIC'ZZZZZZZZ9' 'TERMINAL|INPUTS')
          CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZZZ9' 'TERMINAL|OUTPUTS')
          CIMS-FCNTL-ACCESS(PIC'ZZZZZZZZZZ9' 'FILE|ACCESS|COUNTS')
          CIMS-FCNTL-TOTAL(PIC'ZZZZZZZZZZ9' 'TOTAL|ACCESS|COUNTS')

SORT: MONTH CIMS-APPLID CIMS-START-DATE
BREAK: CIMS-START-DATE
      TOTAL(CIMS-APPLID CIMS-START-DATE(C-YMMDD))
BREAK: CIMS-APPLID
      TOTAL(CIMS-APPLID)
BREAK: MONTH
      TOTAL(LONG-MONTH)
BREAK: #GRAND
      TOTAL('TOTALS..')
```

SPWTR055		CIMS CICS TRANSACTION ACCOUNTING SYSTEM						08/08/96	PAGE	1
CICS PERFORMANCE RECORDS										
CIMS CICS RELEASE V11.0										
APPLICATION ID REPORT										
APPL ID	DATE	COUNT	RESPONSE TIME SSSSS.SSSSSS	TRANS TIME SSSSS.SSSSSS	CPU TIME SSSSS.SSSSSS	TERMINAL INPUTS	TERMINAL OUTPUTS	FILE ACCESS COUNTS	TOTAL ACCESS COUNTS	
TDOCS01	960212	41	181955.592992	23.969872	2.902768	25	7	10099	10102	
TDOCS01	960213	711	1054.333440	130.721184	8.929680	658	212	513	514	
TDOCS01		752	183009.926432	154.691056	11.832448	683	219	10612	10616	
TDOCS58	960213	288	217754.444032	268.068112	22.572288	11	11	0	11	
TDOCS58	960214	2	7.627232	3.661536	0.695664	1	1	0		
		290	217762.071264	271.729648	23.267952	12	12	0	11	
FEBRUARY		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	
TOTALS..		1042	400771.997696	426.420704	35.100400	695	231	10612	10627	

SPWTR150

CICS Transaction Summary Report From CICSRC05, 1.7-2.X

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR150)

CICS PERFORMANCE SUMMARY REPORT BY TRANSACTION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMFL DDNAME CICSRECS
- PROCESSES PERFORMANCE RECORD TYPE 910
- SORTED BY RECORD DATE, TRANSACTION ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

TRANSACTION COUNT
 TERMINAL ID
 TRANSACTION ID
 OPERATOR ID
 TRANSACTION TIME
 CPU TIME

- CONTROL BREAK ON TRANSACTION ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

INPUT: CICS-REL1 7-REL2 X-RECORD

INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
 CIMS-CICS-RELEASE-ID = '03')

TITLE: / 'C I M S' /
 TITLE: / 'CICS TRANSACTION REPORT ' / #TODAY 'PAGE' #PAGENUM
 TITLE: / 'CICS PERFORMANCE RECORDS' /

COMPUTE: COUNT = '
 COMPUTE: MONTH = #MONTHNUM(CIMS-CICS-RECORD-DATE)
 COMPUTE: LONG-MONTH = WHEN(MONTH = 01)

ASSIGN('JANUARY')
 WHEN(MONTH = 02)
 ASSIGN('FEBRUARY')
 WHEN(MONTH = 03)
 ASSIGN('MARCH')

COMPUTE: ELAPSED-TIME = CICS-USRDISPT / 62500
 COMPUTE: CPU-TIME = CICS-USRCPUT / 62500
 COMPUTE: MESSAGE-IN = CICS-TCMSGIN1 + CICS-TCMSGIN2
 COMPUTE: MESSAGE-OUT = CICS-TCMSGOU1 + CICS-TCMSGOU2
 COMPUTE: CHARACTER-IN = CICS-TCCHRIN1 + CICS-TCCHRIN2
 COMPUTE: CHARACTER-OUT = CICS-TCCHROU1 + CICS-TCCHROU2
 COLUMNS: CIMS-CICS-RECORD-DATE(C-YMMDD 'DATE') 4
 COUNT(' COUNT ')
 CICS-TRAN('TRANS|ID')
 ELAPSED-TIME(PIC'ZZZZZZ.99999' 'TRANS TIME|SSSS.SSSS')
 CPU-TIME(PIC'ZZZZZZ.99999' 'CPU TIME|SSSS.SSSS')
 MESSAGE-IN(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|IN')
 MESSAGE-OUT(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|OUT')
 CHARACTER-IN(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|IN')
 CHARACTER-OUT(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|OUT')
 CICS-FCAMCT(PIC'ZZZ,ZZZ,ZZZ' 'FILE|ACCESS')
 CICS-FCTOTCT(PIC'ZZZ,ZZZ,ZZZ' 'TOT FILE|ACCESS')

(continued...)

(Control Statements continued...)

SORT: CIMS-CICS-RECORD-DATE MONTH CICS-TRAN CIMS-CICS-RECORD-TIME

BREAK: CICS-TRAN

NOTOTAL

FOOTING(CIMS-CICS-RECORD-DATE(C-YMMDD) 4

#ITEM

CICS-TRAN

ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CONTROL STATEMENT

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

BREAK: MONTH

NOTOTAL

FOOTING(LONG-MONTH

#ITEM 6

ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

BREAK: #GRAND

NOTOTAL

FOOTING('TOTAL' 5 #ITEM 5

ELAPSED-TIME(TOTAL PIC'ZZZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

C I M S										
CICS TRANSACTION REPORT										
CICS PERFORMANCE RECORDS										
08/08/96										
PAGE 1										
DATE	COUNT	TRANS ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	MESSAGE IN	MESSAGE OUT	CHARACTER IN	CHARACTER OUT	FILE ACCESS	TOT FILE ACCESS
960213	4	ACFM	1.63277	.03802	4	4	24	3,594		
960213	58	CATD	13.26774	.83061						
960213	3,952	CCMF	423.69160	5.50110						
960213	21	CDDS	31.83198	.64610	11	12	13,699	10,339	130	85
960213	26	CDDS	2.84691	1.61341	26	13	17,663	31,610	117	39
960213	22	CDLI	37.39342	3.57725	22	11	14,953	15,695	114	38
960213	30	CDME	37.50829	1.74832	30	15	20,443	27,345	110	38
960213	28	CDMI	30.37370	1.21949	28	14	19,060	14,946	201	71
960213	6	CSAC	.35187	.01558	6	4	3,051	382		
960213	7	CSFU	17254.66213	17248.20843		14				56
FEBRUARY	8,706		3418204.49083	415259.12718						
TOTAL	10,265		6818309.55531	5993451.63636						

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR151)

CICS PERFORMANCE SUMMARY REPORT BY TRANSACTION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CICSRECS
- PROCESSES PERFORMANCE RECORD TYPE 910
- SORTED BY RECORD DATE, TRANSACTION ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

TRANSACTION COUNT
 TERMINAL ID
 TRANSACTION ID
 OPERATOR ID
 TRANSACTION TIME
 CPU TIME

- CONTROL BREAK ON TRANSACTION ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

INPUT: CICS-REL3 1-REL3 2-RECORD

INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
 (CIMS-CICS-RELEASE-ID = '31' OR
 CIMS-CICS-RELEASE-ID = '32'))

TITLE: / 'C I M S' /

TITLE: / 'CICS TRANSACTION REPORT ' / #TODAY 'PAGE' #PAGENUM

TITLE: / 'CICS PERFORMANCE RECORDS' /

COMPUTE: COUNT =

COMPUTE: MONTH = #MONTHNUM(CIMS-CICS-RECORD-DATE)

COMPUTE: LONG-MONTH = WHEN(MONTH = 01)

ASSIGN('JANUARY')

WHEN(MONTH = 02)

ASSIGN('FEBRUARY')

WHEN(MONTH = 03)

ASSIGN('MARCH')

COMPUTE: ELAPSED-TIME = CICS-USRDISPT / 62500

COMPUTE: CPU-TIME = CICS-USRCPUT / 62500

COMPUTE: MESSAGE-IN = CICS-TCMSGIN1 + CICS-TCMSGIN2

COMPUTE: MESSAGE-OUT = CICS-TCMSGOU1 + CICS-TCMSGOU2

COMPUTE: CHARACTER-IN = CICS-TCCHRIN1 + CICS-TCCHRIN2

COMPUTE: CHARACTER-OUT = CICS-TCCHROU1 + CICS-TCCHROU2

COLUMNS: CIMS-CICS-RECORD-DATE(C-YMMDD 'DATE') 4

COUNT('COUNT')

CICS-TRAN('TRANS ID')

ELAPSED-TIME(PIC'ZZZZZZ.99999' 'TRANS TIME|SSSS.SSSS')

CPU-TIME(PIC'ZZZZZZ.99999' 'CPU TIME|SSSS.SSSS')

MESSAGE-IN(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|IN')

MESSAGE-OUT(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|OUT')

CHARACTER-IN(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|IN')

CHARACTER-OUT(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|OUT')

CICS-FCAMCT(PIC'ZZZ,ZZZ,ZZZ' 'FILE|ACCESS')

CICS-FCTOTCT(PIC'ZZZ,ZZZ,ZZZ' 'TOT FILE|ACCESS')

SORT: CIMS-CICS-RECORD-DATE MONTH CICS-TRAN CIMS-CICS-RECORD-TIME

BREAK: CICS-TRAN

(continued...)

(Control Statements continued...)

NOTOTAL

FOOTING(CIMS-CICS-RECORD-DATE(C-YMMDD) 4

#ITEM

CICS-TRAN

ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

BREAK: MONTH

NOTOTAL

FOOTING(LONG-MONTH

#ITEM 6

ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

BREAK: #GRAND

NOTOTAL

FOOTING('TOTAL' 5 #ITEM 5

ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0

CPU-TIME(TOTAL PIC'ZZZZZZ.99999')

MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')

C I M S										
CICS TRANSACTION REPORT										
CICS PERFORMANCE RECORDS										
08/08/96 PAGE 1										
DATE	TRANS COUNT	TRANS ID	TIME SSSS.SSSS	CPU TIME SSSS.SSSS	MESSAGE IN	MESSAGE OUT	CHARACTER IN	CHARACTER OUT	FILE ACCESS	TOT FILE ACCESS
960213	29	CATD	26.64219	.58731						
960213	17	CECI	3.48021	.20578	17	17	216	11,797	2	2
960213	2	CEDA	4.75418	.06050	2	1	41	851	3	6
960213	574	CEDF	9.02792	1.91758	574	29	13,768	26,992		
960213	17	CEMT	116.75131	8.84763	17	17	158	1,067		
960213	7	CESF	4.69579	.07715	7	7	77	203		
960213	2	CLS1	.41666	.00686						
960213	16	CRSQ	.25094	.09570						
960213	41	CSAC	.50422	.12706	41	41	1,637	4,469		
960213	12	CSFU	2.22557	.95453						
960213	10	CSGM	.87691	.02819	10	11	10,273			
960213	1	CSNC	.22160	.03062						
960213	47	CSNE	11.11621	.36755						
960213	1	CSSF	1.54523	.00693	1	1	11	90		
960213	216	CSSY	203.48195	15.09203						12
960213	1	TNAM	1.82160	.12000	1	1	17	106		
FEBRUARY	1,042		426.42070	35.10040	695	231	16,206	66,434	10,612	10,627
TOTAL	1,042		426.42070	35.10040	695	231	16,206	66,434	10,612	10,627

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR152)

CICS PERFORMANCE SUMMARY REPORT BY TRANSACTION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CICSRECS
- PROCESSES PERFORMANCE RECORD TYPE 910
- SORTED BY RECORD DATE, TRANSACTION ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

```

TRANSACTION COUNT
TERMINAL ID
TRANSACTION ID
OPERATOR ID
TRANSACTION TIME
CPU TIME
    
```

CONTROL BREAK ON TRANSACTION ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

* OPTION: SUMMARY MAXINCLUDE(2000)

INPUT: CICS-REL3_3-RECORD

INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
CIMS-CICS-RELEASE-ID = X'0330')

TITLE: / 'C I M S' /

TITLE: / 'CICS TRANSACTION REPORT ' / #TODAY 'PAGE' #PAGENUM

TITLE: / 'CICS PERFORMANCE RECORDS' /

COMPUTE: COUNT = ' '

COMPUTE: MONTH = #MONTHNUM(CIMS-CICS-RECORD-DATE)

```

COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
                      ASSIGN('JANUARY')
                      WHEN(MONTH = 02)
                      ASSIGN('FEBRUARY')
                      WHEN(MONTH = 03)
                      ASSIGN('MARCH')
                      WHEN(MONTH = 04)
    
```

COMPUTE: ELAPSED-TIME = CICS-USRDISPT / 62500

COMPUTE: CPU-TIME = CICS-USRCPUT / 62500

COMPUTE: MESSAGE-IN = CICS-TCMSGIN1 + CICS-TCMSGIN2

(continued...)

(Control Statements continued...)

```

COMPUTE: MESSAGE-OUT = CICS-TCMSGOU1 + CICS-TCMSGOU2
COMPUTE: CHARACTER-IN = CICS-TCCHRIN1 + CICS-TCCHRIN2
COMPUTE: CHARACTER-OUT = CICS-TCCHROU1 + CICS-TCCHROU2
COLUMNS: CIMS-CICS-RECORD-DATE(C-YMMDD 'DATE') 4
    
```

```

COUNT(' COUNT ' )
* CIMS-CICS-APPLID('APPLID|ID')
* CICS-USER('USER|ID')
  CICS-TRAN('TRANS|ID')
* CICS-TERM('TERMINAL|ID')
* CICS-OPR('OPER|ID')
* CICS-START('ATTACH|TIME')
* CICS-STOP('DETACH|TIME')
  ELAPSED-TIME(PIC'ZZZZZZ.99999' 'TRANS TIME|SSSS.SSSS')
  CPU-TIME(PIC'ZZZZZZ.99999' 'CPU TIME|SSSS.SSSS')
  MESSAGE-IN(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|IN')
  MESSAGE-OUT(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|OUT')
  CHARACTER-IN(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|IN')
  CHARACTER-OUT(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|OUT')
  CICS-FCAMCT(PIC'ZZZ,ZZZ,ZZZ' 'FILE|ACCESS')
  CICS-FCTOTCT(PIC'ZZZ,ZZZ,ZZZ' 'TOT FILE|ACCESS')
    
```

SORT: CIMS-CICS-RECORD-DATE MONTH CICS-TRAN CIMS-CICS-RECORD-TIME

BREAK: CICS-TRAN

NOTOTAL

```

FOOTING(CIMS-CICS-RECORD-DATE(C-YMMDD) 4
        #ITEM
        CICS-TRAN
        ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999')
        CPU-TIME(TOTAL PIC'ZZZZZZ.99999')
        MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
    
```

BREAK: MONTH

NOTOTAL

```

FOOTING(LONG-MONTH
        #ITEM 6
        ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0
        CPU-TIME(TOTAL PIC'ZZZZZZ.99999')
        MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
        MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
    
```

C I M S										
CICS TRANSACTION REPORT										
CICS PERFORMANCE RECORDS										
08/10/96 PAGE 1										
DATE	TRANS COUNT	ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	MESSAGE IN	MESSAGE OUT	CHARACTER IN	CHARACTER OUT	FILE ACCESS	TOT FILE ACCESS
960524	5	CATA	3.04248	.06102						
960524	5	CATD	1.56395	.04922						
960524	1	CATR	.03006	.00453						
960524	1	CDTS	.31099	.01122						
960524	11	CEMT	3.40091	.11638	11	10	86	5,453		
960524	3	CEOT	.09776	.01754	3	3	8	897		
960524	4	CESF	.13093	.02314	4	4	56	198		
960524	13	CESN	1.48592	.05498	13	13	159	2,600		
960524	1	CITS	1.60442	.01222						
960524	10	CQRY	.37813	.01562	10	10	454	25		
960524	6	CRSQ	.15302	.00987						
960524	7	CRSR	.28235	.01838						
960524	1	CSAC	.08776	.00307	1	1	7	132		
960524	1	CSFU	.04285	.00304						
960524	45	CSSC	2.03235	.13024						
960524	3	CSSF	.08779	.00866	3	3	29	318		
960524	13	CSSY	28.09581	1.14750						
960524	1	CXRE	.04595	.00578						
960524	16	DPM	5.20589	.13018	8	9	77	4,101	11	8
960524	2,779	DSNC	12.79714	5.21499						
960524	26	IPCP	38.79424	20.91421					15,303	15,303
960524	1	IPCR	.59397	.03917					48	48
960524	170	PRCK	4.92270	1.26179						
960524	38	SAR	.23592	.08086	38	38	18	52,850		
960524	5	WSGM	1.27901	.01557	5	5		2,770		
960524	2	LEMT	.21432	.00944	2	2	10	421		
960525	1	CATA	.30592	.00979						
960525	1	CATD	.03453	.00821						
960525	2	CESN	.48829	.00747	2	2	25	375		
960525	2	CQRY	.05915	.00222	2	2	98	5		
960525	1	CRSQ	.00597	.00094						
960525	11	CSSC	.04394	.02146						
960525	367	DSNC	.74270	.67970						
960525	7	IPCP	7.38970	5.18395					4,095	4,095
960525	39	PRCK	.41400	.23176						
960525	1	WSGM	.32347	.00230	1	1		554		
MAY	3,600		116.72429	35.50642	103	103	1,027	70,699	19,457	19,454
TOTAL	3,600		116.72429	35.50642	103	103	1,027	70,699	19,457	19,454

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR153)

CICS PERFORMANCE SUMMARY REPORT BY TRANSACTION ID, RECORD DATE:

- RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CICSRECS
- PROCESSES PERFORMANCE RECORD TYPE 910
- SORTED BY RECORD DATE, TRANSACTION ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

TRANSACTION COUNT
 TERMINAL ID
 TRANSACTION ID
 OPERATOR ID
 TRANSACTION TIME
 CPU TIME

- CONTROL BREAK ON TRANSACTION ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

* OPTION: SUMMARY MAXINCLUDE(2000)

INPUT: CICS-REL4_1-RECORD

INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
 CIMS-CICS-RELEASE-ID = X'0410')

TITLE: / 'C I M S' /

TITLE: / 'CICS TRANSACTION REPORT ' / #TODAY 'PAGE' #PAGENUM

TITLE: / 'CICS PERFORMANCE RECORDS' /

COMPUTE: COUNT = ' '

COMPUTE: MONTH = #MONTHNUM(CIMS-CICS-RECORD-DATE)

COMPUTE: LONG-MONTH = WHEN(MONTH = 01)
 ASSIGN('JANUARY')
 WHEN(MONTH = 02)
 ASSIGN('FEBRUARY')
 WHEN(MONTH = 03)

COMPUTE: ELAPSED-TIME = CICS-USRDISPT / 62500

COMPUTE: CPU-TIME = CICS-USRCPUT / 62500

COMPUTE: MESSAGE-IN = CICS-TCMSGIN1 + CICS-TCMSGIN2

COMPUTE: MESSAGE-OUT = CICS-TCMSGOU1 + CICS-TCMSGOU2

COMPUTE: CHARACTER-IN = CICS-TCCHRIN1 + CICS-TCCHRIN2

COMPUTE: CHARACTER-OUT = CICS-TCCHROU1 + CICS-TCCHROU2

COLUMNS: CIMS-CICS-RECORD-DATE(C-YMMDD 'DATE') 4

COUNT(' COUNT ')

(continued...)

(Control Statements continued...)

```
* CIMS-CICS-APPLID('APPLID|ID')
* CICS-USER('USER|ID')
* CICS-TRAN('TRANS|ID')
* CICS-TERM('TERMINAL|ID')
* CICS-OPR('OPER|ID')
* CICS-START('ATTACH|TIME')
* CICS-STOP('DETACH|TIME')
ELAPSED-TIME(PIC'ZZZZZZ.99999' 'TRANS TIME|SSSS.SSSS')
CPU-TIME(PIC'ZZZZZZ.99999' 'CPU TIME|SSSS.SSSS')
MESSAGE-IN(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|IN')
MESSAGE-OUT(PIC'ZZZ,ZZZ,ZZZ' 'MESSAGE|OUT')
CHARACTER-IN(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|IN')
CHARACTER-OUT(PIC'ZZZ,ZZZ,ZZZ' 'CHARACTER|OUT')
CICS-FCAMCT(PIC'ZZZ,ZZZ,ZZZ' 'FILE|ACCESS')
CICS-FCTOTCT(PIC'ZZZ,ZZZ,ZZZ' 'TOT FILE|ACCESS')
```

SORT: CIMS-CICS-RECORD-DATE MONTH CICS-TRAN CIMS-CICS-RECORD-TIME
 BREAK: CICS-TRAN

```
NOTOTAL
FOOTING(CIMS-CICS-RECORD-DATE(C-YMMDD) 4
#ITEM
CICS-TRAN
ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0
CPU-TIME(TOTAL PIC'ZZZZZZ.99999')
MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
```

BREAK: MONTH

```
NOTOTAL
FOOTING(LONG-MONTH
#ITEM 6
ELAPSED-TIME(TOTAL PIC'ZZZZZZ.99999') 0
CPU-TIME(TOTAL PIC'ZZZZZZ.99999')
MESSAGE-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
MESSAGE-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CHARACTER-IN(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CHARACTER-OUT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CICS-FCAMCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
CICS-FCTOTCT(TOTAL PIC'ZZZ,ZZZ,ZZZ')
```

BREAK: #GRAND
 NOTOTAL

C I M S										
CICS TRANSACTION REPORT										
CICS PERFORMANCE RECORDS										
08/10/96 PAGE 1										
DATE	COUNT	TRANS ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	MESSAGE IN	MESSAGE OUT	CHARACTER IN	CHARACTER OUT	FILE ACCESS	TOT FILE ACCESS
960121	5	CATA	3.04248	.06102						
960121	5	CATD	1.56395	.04922						
960121	1	CATR	.03006	.00453						
960121	1	CDTS	.31099	.01122						
960121	11	CEMT	3.40091	.11638	11	10	86	5,453		
960121	3	CEOT	.09776	.01754	3	3	8	897		
960121	4	CESF	.13093	.02314	4	4	56	198		
960121	13	CESN	1.48592	.05498	13	13	159	2,600		
960121	1	CITS	1.60442	.01222						
960121	10	CQRY	.37813	.01562	10	10	454	25		
960121	6	CRSQ	.15302	.00987						
960121	7	CRSR	.28235	.01838						
960121	1	CSAC	.08776	.00307	1	1	7	132		
960121	1	CSFU	.04285	.00304						
960121	45	CSSC	2.03235	.13024						
960121	3	CSSF	.08779	.00866	3	3	29	318		
960121	13	CSSY	28.09581	1.14750						
960121	1	CXRE	.04595	.00578						
960121	16	DPM	5.20589	.13018	8	9	77	4,101	11	8
960121	2,779	DSNC	12.79714	5.21499						
960121	26	IPCP	38.79424	20.91421					15,303	15,303
960121	1	IPCR	.59397	.03917					48	48
960121	170	PRCK	4.92270	1.26179						
960121	38	SAR	.23592	.08086	38	38	18	52,850		
960121	5	WSGM	1.27901	.01557	5	5		2,770		
960121	2	LEMT	.21432	.00944	2	2	10	421		
960404	1	CATA	.30592	.00979						
960404	1	CATD	.03453	.00821						
960404	2	CESN	.48829	.00747	2	2	25	375		
960404	2	CQRY	.05915	.00222	2	2	98	5		
960404	1	CRSQ	.00597	.00094						
960404	11	CSSC	.04394	.02146						
960404	367	DSNC	.74270	.67970						
960404	7	IPCP	7.38970	5.18395					4,095	4,095
960404	39	PRCK	.41400	.23176						
960404	1	WSGM	.32347	.00230	1	1		554		
April	3,600		116.72429	35.50642	103	103	1,027	70,699	19,457	19,454
TOTAL	3,600		116.72429	35.50642	103	103	1,027	70,699	19,457	19,454

SPWTR154

CIMSUNIV 001 Records From CICSRC05 Data - CICS 1.7-2.x

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR154)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY CIMS PROGRAM CIMSCMF1
- PROCESSES PERFORMANCE RECORD
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

SORT SEQUENCE
SUB-SYSTEM ID
DATE OF RECORD
TIME OF RECORD
IDENTIFICATION FIELD1
IDENTIFICATION FIELD2
IDENTIFICATION FIELD3
IDENTIFICATION FIELD4
DATA FIELD01
DATA FIELD02
DATA FIELD03
DATA FIELD04
DATA FIELD05
DATA FIELD06
DATA FIELD07
DATA FIELD08
DATA FIELD09
DATA FIELD10

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CICS-REL1_7-REL2_X-RECORD
INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND CIMS-CICS-RELEASE-ID =
'03')
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZZC1'
COMPUTE: ZERO = 0
COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CIMS-CICS-RECORD-
DATE
COMPUTE: TIME-OF-RECORD(FULLWORD,NOACCUM) = CIMS-CICS-RECORD-
TIME-ND
COMPUTE: IDENT-CODE1(8) = CIMS-CICS-APPLID
COMPUTE: IDENT-CODE2(8) = CICS-USER
COMPUTE: IDENT-CODE3(8) = CICS-TRAN + CICS-TERM
COMPUTE: IDENT-CODE4(8) = CICS-OPR
COMPUTE: DATA-FIELD01(5 PACKED NOACCUM) = 1
COMPUTE: DATA-FIELD02 = CICS-USRDISPT
COMPUTE: DATA-FIELD03 = CICS-USRCPUT
COMPUTE: DATA-FIELD04 = CICS-TCMSGIN1+ CICS-TCMSGIN2
COMPUTE: DATA-FIELD05 = CICS-TCMSGOU1+ CICS-TCMSGOU2
COMPUTE: DATA-FIELD06 = CICS-TCCHRIN1+ CICS-TCCHRIN2
COMPUTE: DATA-FIELD07 = CICS-TCCHROU1+ CICS-TCCHROU2
COMPUTE: DATA-FIELD08 = CICS-FCAMCT
COMPUTE: DATA-FIELD09 = CICS-FCTOTCT
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
          FILLER-VAR2(2)
          RECORD-ID(2,PACKED)
          SORT-SEQUENCE(1)
          FILLER-VAR3
          SUB-SYSTEM-ID
          ZERO(1,COMP)
          DATE-OF-RECORD(P-YYDDD)
          TIME-OF-RECORD(FULLWORD,NOACCUM)
          IDENT-CODE1
          IDENT-CODE2
          IDENT-CODE3
          IDENT-CODE4
          DATA-FIELD01(5,PACKED,NOACCUM)
          DATA-FIELD02(5,PACKED,NOACCUM)
          DATA-FIELD03(5,PACKED,NOACCUM)
          DATA-FIELD04(5,PACKED,NOACCUM)
          DATA-FIELD05(5,PACKED,NOACCUM)
          DATA-FIELD06(5,PACKED,NOACCUM)
          DATA-FIELD07(5,PACKED,NOACCUM)
          DATA-FIELD08(5,PACKED,NOACCUM)
          DATA-FIELD09(5,PACKED,NOACCUM)
          DATA-FIELD10(5,PACKED,NOACCUM)
```

SPWTR154
CREATES CIMSUNIV 001 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE

This report creates records for the CIMS Universal Chargeback program CIMSUNIV. The report reads detailed CICS release 1.7 and 2.x transaction resource records formatted by program CIMSCMF1 via ddname CIMSCICS. The user can select any of the various resource values collected by the CICS Monitor Facility for inclusion in the CIMS Chargeback System.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR155)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY CIMS PROGRAM CIMSCMF1
- PROCESSES PERFORMANCE RECORD
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

```

SORT SEQUENCE
SUB-SYSTEM ID
DATE OF RECORD
TIME OF RECORD
IDENTIFICATION FIELD1
IDENTIFICATION FIELD2
IDENTIFICATION FIELD3
IDENTIFICATION FIELD4
DATA FIELD01
DATA FIELD02
DATA FIELD03
DATA FIELD04
DATA FIELD05
DATA FIELD06
DATA FIELD07
DATA FIELD08
DATA FIELD09
DATA FIELD10
    
```

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CICS-REL3_1-REL3_2-RECORD
INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
           (CIMS-CICS-RELEASE-ID = '31' OR CIMS-CICS-RELEASE-ID
           = '32'))
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZZC2'
COMPUTE: ZERO = 0
    
```

(continued...)

(Control Statements continued...)

```

COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CIMS-CICS-RECORD-
DATE
COMPUTE: TIME-OF-RECORD(FULLWORD,NOACCUM) = CIMS-CICS-RECORD-
TIME-ND
COMPUTE: IDENT-CODE1(8) = CIMS-CICS-APPLID
COMPUTE: IDENT-CODE2(8) = CICS-USER
COMPUTE: IDENT-CODE3(8) = CICS-TRAN + CICS-TERM
COMPUTE: IDENT-CODE4(8) = CICS-OPR
COMPUTE: DATA-FIELD01(5 PACKED NOACCUM) = 1
COMPUTE: DATA-FIELD02 = CICS-USRDISPT
COMPUTE: DATA-FIELD03 = CICS-USRCPUT
COMPUTE: DATA-FIELD04 = CICS-TCMSGIN1+ CICS-TCMSGIN2
COMPUTE: DATA-FIELD05 = CICS-TCMSGOU1+ CICS-TCMSGOU2
COMPUTE: DATA-FIELD06 = CICS-TCCHRIN1+ CICS-TCCHRIN2
COMPUTE: DATA-FIELD07 = CICS-TCCHROU1+ CICS-TCCHROU2
COMPUTE: DATA-FIELD08 = CICS-FCAMCT
COMPUTE: DATA-FIELD09 = CICS-FCTOTCT
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
           FILLER-VAR2(2)
           RECORD-ID(2,PACKED)
           SORT-SEQUENCE(1)
           FILLER-VAR3
           SUB-SYSTEM-ID
           ZERO(1,COMP)
           DATE-OF-RECORD(P-YYDDD)
           TIME-OF-RECORD(FULLWORD,NOACCUM)
           IDENT-CODE1
           IDENT-CODE2
           IDENT-CODE3
           IDENT-CODE4
           DATA-FIELD01(5,PACKED,NOACCUM)
           DATA-FIELD02(5,PACKED,NOACCUM)
           DATA-FIELD03(5,PACKED,NOACCUM)
           DATA-FIELD04(5,PACKED,NOACCUM)
           DATA-FIELD05(5,PACKED,NOACCUM)
           DATA-FIELD06(5,PACKED,NOACCUM)
           DATA-FIELD07(5,PACKED,NOACCUM)
           DATA-FIELD08(5,PACKED,NOACCUM)
           DATA-FIELD09(5,PACKED,NOACCUM)
           DATA-FIELD10(5,PACKED,NOACCUM)
    
```


SPWTR155**CREATES CIMSUNIV 001 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE**

This report creates records for the CIMS Universal Chargeback program CIMSUNIV. The report reads detailed CICS release 3.1 and 3.2 transaction resource records formatted by program CIMSCMF1 via ddname CIMSCICS. The user can select any of the various resource values collected by the CICS Monitor Facility for inclusion in the CIMS Chargeback System.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR156)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY CIMS PROGRAM CIMSCMF1
- PROCESSES PERFORMANCE RECORD
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

SORT SEQUENCE
 SUB-SYSTEM ID
 DATE OF RECORD
 TIME OF RECORD
 IDENTIFICATION FIELD1
 IDENTIFICATION FIELD2
 IDENTIFICATION FIELD3
 IDENTIFICATION FIELD4

DATA FIELD01
 DATA FIELD02
 DATA FIELD03
 DATA FIELD04
 DATA FIELD05
 DATA FIELD06
 DATA FIELD07
 DATA FIELD08
 DATA FIELD09
 DATA FIELD10

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CICS-REL3_3-RECORD
INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
           CIMS-CICS-RELEASE-ID = X'0330')
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZZC3'
COMPUTE: ZERO = 0
COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CIMS-CICS-RECORD-
DATE
COMPUTE: TIME-OF-RECORD(FULLWORD,NOACCUM) = CIMS-CICS-RECORD-
TIME-ND
COMPUTE: IDENT-CODE1(8) = CIMS-CICS-APPLID
COMPUTE: IDENT-CODE2(8) = CICS-USER
COMPUTE: IDENT-CODE3(8) = CICS-TRAN + CICS-TERM
COMPUTE: IDENT-CODE4(8) = CICS-OPR
COMPUTE: DATA-FIELD01(5 PACKED NOACCUM) = 1
COMPUTE: DATA-FIELD02 = CICS-USRDISPT
COMPUTE: DATA-FIELD03 = CICS-USRCPUT
COMPUTE: DATA-FIELD04 = CICS-TCMSGIN1+ CICS-TCMSGIN2
COMPUTE: DATA-FIELD05 = CICS-TCMSGOU1+ CICS-TCMSGOU2
COMPUTE: DATA-FIELD06 = CICS-TCCHRIN1+ CICS-TCCHRIN2
COMPUTE: DATA-FIELD07 = CICS-TCCHROU1+ CICS-TCCHROU2
COMPUTE: DATA-FIELD08 = CICS-FCAMCT
COMPUTE: DATA-FIELD09 = CICS-FCTOTCT
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
           FILLER-VAR2(2)
           RECORD-ID(2,PACKED)
           SORT-SEQUENCE(1)
           FILLER-VAR3
           SUB-SYSTEM-ID
           ZERO(1,COMP)
           DATE-OF-RECORD(P-YYDDD)
           TIME-OF-RECORD(FULLWORD,NOACCUM)
           IDENT-CODE1
           IDENT-CODE2
           IDENT-CODE3
           IDENT-CODE4
           DATA-FIELD01(5,PACKED,NOACCUM)
           DATA-FIELD02(5,PACKED,NOACCUM)
           DATA-FIELD03(5,PACKED,NOACCUM)
           DATA-FIELD04(5,PACKED,NOACCUM)
    
```

SPWTR156**CREATES CIMSUNIV 001 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE**

This report creates records for the CIMS Universal Chargeback program CIMSUNIV. The report reads detailed CICS release 3.3 transaction resource records formatted by program CIMSCMF1 via ddname CIMSCICS. The user can select any of the various resource values collected by the CICS Monitor Facility for inclusion in the CIMS Chargeback System.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR157)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY CIMS PROGRAM CIMSCMF1
- PROCESSES PERFORMANCE RECORD
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

SORT SEQUENCE
 SUB-SYSTEM ID
 DATE OF RECORD
 TIME OF RECORD
 IDENTIFICATION FIELD1
 IDENTIFICATION FIELD2
 IDENTIFICATION FIELD3
 IDENTIFICATION FIELD4

DATA FIELD01
 DATA FIELD02
 DATA FIELD03
 DATA FIELD04
 DATA FIELD05
 DATA FIELD06
 DATA FIELD07
 DATA FIELD08
 DATA FIELD09
 DATA FIELD10

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CICS-REL3 3-RECORD
INCLUDEIF: (CIMS-CICS-REC-TYPE = 910 AND
           CIMS-CICS-RELEASE-ID = X'0410')
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZZC3'
COMPUTE: ZERO = 0
COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CIMS-CICS-RECORD-
DATE
COMPUTE: TIME-OF-RECORD(FULLWORD,NOACCUM) = CIMS-CICS-RECORD-
TIME-ND
COMPUTE: IDENT-CODE1(8) = CIMS-CICS-APPLID
COMPUTE: IDENT-CODE2(8) = CICS-USER
COMPUTE: IDENT-CODE3(8) = CICS-TRAN + CICS-TERM
COMPUTE: IDENT-CODE4(8) = CICS-OPR
COMPUTE: DATA-FIELD01(5 PACKED NOACCUM) = 1
COMPUTE: DATA-FIELD02 = CICS-USRDISPT
COMPUTE: DATA-FIELD03 = CICS-USRCPUT
COMPUTE: DATA-FIELD04 = CICS-TCMSGIN1+ CICS-TCMSGIN2
COMPUTE: DATA-FIELD05 = CICS-TCMSGOU1+ CICS-TCMSGOU2
COMPUTE: DATA-FIELD06 = CICS-TCCHRIN1+ CICS-TCCHRIN2
COMPUTE: DATA-FIELD07 = CICS-TCCHROU1+ CICS-TCCHROU2
COMPUTE: DATA-FIELD08 = CICS-FCAMCT
COMPUTE: DATA-FIELD09 = CICS-FCTOTCT
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
           FILLER-VAR2(2)
           RECORD-ID(2,PACKED)
           SORT-SEQUENCE(1)
           FILLER-VAR3
           SUB-SYSTEM-ID
           ZERO(1,COMP)
           DATE-OF-RECORD(P-YYDDD)
           TIME-OF-RECORD(FULLWORD,NOACCUM)
           IDENT-CODE1
           IDENT-CODE2
           IDENT-CODE3
           IDENT-CODE4
           DATA-FIELD01(5,PACKED,NOACCUM)
           DATA-FIELD02(5,PACKED,NOACCUM)
           DATA-FIELD03(5,PACKED,NOACCUM)
           DATA-FIELD04(5,PACKED,NOACCUM)
           DATA-FIELD05(5,PACKED,NOACCUM)
           DATA-FIELD06(5,PACKED,NOACCUM)
           DATA-FIELD07(5,PACKED,NOACCUM)
           DATA-FIELD08(5,PACKED,NOACCUM)
           DATA-FIELD09(5,PACKED,NOACCUM)
           DATA-FIELD10(5,PACKED,NOACCUM)

```

SPWTR157**CREATES CIMSUNIV 001 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE**

This report creates records for the CIMS Universal Chargeback program CIMSUNIV. The report reads detailed CICS release 4.1 transaction resource records formatted by program CIMSCMF1 via ddname CIMSCICS. The user can select any of the various resource values collected by the CICS Monitor Facility for inclusion in the CIMS Chargeback System.

The **OPTION** Statement allows any **CIMS REPORT WRITER REPORT** to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- **LOTUS**
- **DBASE**
- **RBASE**
- **EXCEL**
- **HARVARD**
- **PARADOX**
- **PC**
- **MAINFRAME**

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR158

CIMSCMF2 From Any Type CICS Record

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR158)

CIMSCMF2 200-BYTE RECORD CREATION FROM CIMSCMF1 RECORDS
- INPUT FILE IS THE CIMSCMF1 OUTPUT FROM DD CIMSRC5
- INPUT FILE LAYOUT VARIES WITH CICS VERSION. SEE CICSRC05-08.
- OUTPUT FILE IS A CICS 200-BYTE RECORD THAT CAN BE USED AS
INPUT TO CIMSCICS OR CIMSCMF2. LAYOUT IS CICSRC02.

OPTION: MAINFRAME

* INPUT STATEMENT CAN BE ONE OF THE FOLLOWING:

* CICS-REL1_7-REL2_X-RECORD

* CICS-REL3_1-REL3_2-RECORD

* CICS-REL3_3-RECORD

* CICS-REL4_1-RECORD

INPUT: CICS-REL3_1-REL3_2-RECORD

** INCLUDEIF STATEMENT FOR EACH CICS RELEASE:

** CIMS-CICS-REC-TYPE = 910 AND

** 1.7 - 2.X: CIMSCICS-RELEASE-ID = '03'

** 3.1 - 3.2: CIMSCICS-RELEASE-ID = '31' OR '32'

** 3.3: CIMSCICS-RELEASE-ID = X'0330'

** 4.1: CIMSCICS-RELEASE-ID = X'0410'

INCLUDEIF: CIMS-CICS-REC-TYPE = 910 AND

CIMS-CICS-RELEASE-ID = '31' OR '32'

REPORT WRITER CONTROL STATEMENTS

** CICS 1.7 - 2.X

**FIELD: CUST-RECORD-TIME	LEN(4)	TYPE(BU)	COL(69)
**FIELD: CUST-START-TIME6	LEN(6)	TYPE(BU)	COL(93)
**FIELD: CUST-START-TIME8	LEN(8)		COL(93)
**FIELD: CUST-STOP-TIME6	LEN(6)	TYPE(BU)	COL(101)
**FIELD: CUST-STOP-TIME8	LEN(8)		COL(101)
**FIELD: CUST-PROGRAM-NAME	LEN(8)		COL(117)
**FIELD: CUST-TC-MSG-IN1	LEN(4)	TYPE(BU)	COL(137)
**FIELD: CUST-TC-MSG-OUT1	LEN(4)	TYPE(BU)	COL(145)
**FIELD: CUST-TC-MSG-IN2	LEN(4)	TYPE(BU)	COL(153)
**FIELD: CUST-TC-MSG-OUT2	LEN(4)	TYPE(BU)	COL(161)
**FIELD: CUST-FCNTL-TOTAL	LEN(4)	TYPE(BU)	COL(217)
**FIELD: CUST-FCNTL-ACCESS	LEN(4)	TYPE(BU)	COL(225)
**FIELD: CUST-USER-DISP-TIME	LEN(4)	TYPE(BU)	COL(329)
**FIELD: CUST-USER-CPU-TIME	LEN(4)	TYPE(BU)	COL(337)

(continued...)

(Control Statements continued...)

** CICS 3.1 - 3.2

**FIELD: CUST-START-TIME6 LEN(6) TYPE(BU) COL(93)

**FIELD: CUST-START-TIME8 LEN(8) COL(93)

**FIELD: CUST-STOP-TIME6 LEN(6) TYPE(BU) COL(101)

**FIELD: CUST-STOP-TIME8 LEN(8) COL(101)

**FIELD: CUST-TERM-CLASS-NAME LEN(8) COL(117)

**FIELD: CUST-LUNAME LEN(8) COL(121)

**FIELD: CUST-PROGRAM-NAME LEN(8) COL(133)

**FIELD: CUST-NETNAME LEN(20) COL(141)

**FIELD: CUST-UOWID LEN(8) COL(161)

**FIELD: CUST-RTYPE LEN(4) COL(185)

**FIELD: CUST-TC-MSG-IN1 LEN(4) TYPE(BU) COL(189)

**FIELD: CUST-TC-MSG-OUT1 LEN(4) TYPE(BU) COL(197)

**FIELD: CUST-TC-MSG-IN2 LEN(4) TYPE(BU) COL(205)

**FIELD: CUST-TC-MSG-OUT2 LEN(4) TYPE(BU) COL(213)

**FIELD: CUST-FCNTL-TOTAL LEN(4) TYPE(BU) COL(361)

**FIELD: CUST-FCNTL-ACCESS LEN(4) TYPE(BU) COL(365)

**FIELD: CUST-USER-DISP-TIME LEN(4) TYPE(BU) COL(477)

**FIELD: CUST-USER-CPU-TIME LEN(4) TYPE(BU) COL(485)

** FOR CICS 1.7-2.X, UNCOMMENT THE FOLLOWING COMPUTE STATEMENTS

** (FIELDS DO NOT EXIST IN THESE RECORDS)

** COMPUTE: CUST-TERM-CLASS-NAME = ' '

** COMPUTE: CUST-LUNAME = ' '

** COMPUTE: CUST-NETNAME = ' '

**SPWTR158
CREATES CIMSCMF2 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE**

This report creates records for the CIMS Universal Chargeback program CIMSUNIV. The report reads detailed CICS transaction records formatted by program CIMSCMF1 via ddname CIMSCICS. The user can select any of the various resource values collected by the CICS Monitor Facility for inclusion in the CIMS Chargeback System.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CICS SUMMARY PERFORMANCE REPORT BY RECORD DATE, TERMINAL ID:

- RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0703' AND X'0803'
- SORTED BY RECORD DATE, TERMINAL ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

```

RECORD TIME
TERMINAL ID
DISPATCH TIME
CPU TIME
TERMINAL INPUT COUNTS
TERMINAL OUTPUT COUNTS
FILE REQUESTS
FILE ACCESS
    
```

- CONTROL BREAK ON TERMINAL ID, RECORD DATE

REPORT WRITER CONTROL STATEMENTS

```

OPTIONS: SUMMARY
INPUT: CIMSCMF1-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0703' OR X'0803')
TITLE: 'CICS TERM REPORT' / 'CIMS CICS TRANSACTION ACCOUNTING
SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0' /
TITLE: / 'TERMINAL ID REPORT' /
COMPUTE: TRAN-CPU-TIME = CIMS-CPU-TIME / 62500
COMPUTE: TRAN-DISPATCH-TIME = CIMS-DISPATCH-TIME / 62500
COLUMNS: CIMS-START-DATE(C-YMMDD 'DATE')
          CIMS-START-TIME('HH:MM:SS.SSSSS')
          CIMS-TERM('TERM|ID')
          TRAN-DISPATCH-TIME(PIC'ZZZZZZ9.99999' 'TRANS TIME|SSSS.SSSSS')
          TRAN-CPU-TIME(PIC'ZZZZZZ9.99999' 'CPU TIME|SSSS.SSSSS')
          CIMS-TERM-CNTL-INS(PIC'ZZZZZZ9' 'TERM|INPUT')
          CIMS-TERM-CNTL-OUTS(PIC'ZZZZZZ9' 'TERM|OUTPUT')
          CIMS-FCNTL-TOTAL(PIC'ZZZZZZ9' 'FILE|REQUESTS')
          CIMS-FCNTL-ACCESS(PIC'ZZZZZZ9' 'ACCESS|COUNTS')
    
```

(continued...)

(Control Statements continued...)

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SORT: CIMS-START-DATE CIMS-TERM CIMS-START-TIME
BREAK: CIMS-TERM
      NOTOTAL
      * OPTIONS: SUMMARY MAXINCLUDE(2000)
FOOTING(CIMS-START-DATE(C-YMMDD) 17
        CIMS-TERM
        TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZZ9.99999')
        TRAN-CPU-TIME(TOTAL PIC'ZZZZZZ9.99999') 2
        CIMS-TERM-CNTL-INS(TOTAL PIC'ZZZZZZ9')
        CIMS-TERM-CNTL-OUTS(TOTAL PIC'ZZZZZZ9') 2
        CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZZ9')
        CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZZ9') 5
        'TRANS COUNT = ' #ITEM)
BREAK: CIMS-START-DATE
      NOTOTAL
      FOOTING(CIMS-START-DATE(C-YMMDD) 22
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZZ9.99999') 2
              CIMS-TERM-CNTL-INS(TOTAL PIC'ZZZZZZ9')
              CIMS-TERM-CNTL-OUTS(TOTAL PIC'ZZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
      FOOTING(' ')
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 19
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZZ9.99999') 2
              CIMS-TERM-CNTL-INS(TOTAL PIC'ZZZZZZ9')
              CIMS-TERM-CNTL-OUTS(TOTAL PIC'ZZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
    
```


CICS TERM REPORT		CIMS CICS TRANSACTION ACCOUNTING SYSTEM						8/10/96	PAGE	1
		CICS PERFORMANCE RECORDS								
		CIMS CICS RELEASE 11.0								
		TERMINAL ID REPORT								
DATE	TIME HH:MM:SS	TRANS ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERM INPUT	TERM OUTPUT	FILE REQUESTS	ACCESS COUNTS		
960524		CATA	3.04248	0.06102	0	0	0	0	TRANS COUNT =	5
960524		CATD	1.56395	0.04922	0	0	0	0	TRANS COUNT =	5
960524		CATR	0.03006	0.00453	0	0	0	0	TRANS COUNT =	1
960524		CDDT	0.31099	0.01122	0	0	0	0	TRANS COUNT =	1
960524		CEMT	3.40091	0.11638	11	10	0	0	TRANS COUNT =	11
960524		CEOT	0.09776	0.01754	3	3	0	0	TRANS COUNT =	3
960524		CESF	0.13093	0.02314	4	4	0	0	TRANS COUNT =	4
960524		CESN	1.48592	0.05498	13	13	0	0	TRANS COUNT =	13
960524		CITS	1.60442	0.01222	0	0	0	0	TRANS COUNT =	1
960524		CQRY	0.37813	0.01562	10	10	0	0	TRANS COUNT =	10
960524		CRSQ	0.15302	0.00987	0	0	0	0	TRANS COUNT =	6
960524		CRSR	0.28235	0.01838	0	0	0	0	TRANS COUNT =	7
960524		CSAC	0.08776	0.00307	1	1	0	0	TRANS COUNT =	1
960524		CSFU	0.04285	0.00304	0	0	0	0	TRANS COUNT =	1
960524		CSSC	2.03235	0.13024	0	0	0	0	TRANS COUNT =	45
960524		CSSF	0.08779	0.00866	3	3	0	0	TRANS COUNT =	3
960524		CSSY	28.09581	1.14750	0	0	0	0	TRANS COUNT =	13
960524		CXRE	0.04595	0.00578	0	0	0	0	TRANS COUNT =	1
960524		DPM	5.20589	0.13018	8	9	8	11	TRANS COUNT =	16
960524		DSNC	12.79714	5.21499	0	0	0	0	TRANS COUNT =	2,779
960524		IPCP	38.79424	20.91421	0	0	15303	15303	TRANS COUNT =	26
960524		IPCR	0.59397	0.03917	0	0	48	48	TRANS COUNT =	1
960524		PRCK	4.92270	1.26179	0	0	0	0	TRANS COUNT =	170
960524		SAR	0.23592	0.08086	38	38	0	0	TRANS COUNT =	38
960524		WSGM	1.27901	0.01557	5	5	0	0	TRANS COUNT =	5
960524		LEMT	0.21432	0.00944	2	2	0	0	TRANS COUNT =	2
960524			106.91662	29.35861	98	98	15359	15362	TRANS COUNT =	3,168
960525		CATA	0.30592	0.00979	0	0	0	0	TRANS COUNT =	1
960525		CATD	0.03453	0.00821	0	0	0	0	TRANS COUNT =	1
960525		CESN	0.48829	0.00747	2	2	0	0	TRANS COUNT =	2
960525		CQRY	0.05915	0.00222	2	2	0	0	TRANS COUNT =	2
960525		CRSQ	0.00597	0.00094	0	0	0	0	TRANS COUNT =	1
960525		CSSC	0.04394	0.02146	0	0	0	0	TRANS COUNT =	11
960525		DSNC	0.74270	0.67970	0	0	0	0	TRANS COUNT =	367
960525		IPCP	7.38970	5.18395	0	0	4095	4095	TRANS COUNT =	7
960525		PRCK	0.41400	0.23176	0	0	0	0	TRANS COUNT =	39
960525		WSGM	0.32347	0.00230	1	1	0	0	TRANS COUNT =	1
960525			9.80766	6.14781	5	5	4095	4095	TRANS COUNT =	432
TOTALS...			116.72429	35.50642	103	103	19454	19457	TRANS COUNT =	3,600

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR161)

CICS SUMMARY PERFORMANCE REPORT BY RECORD DATE, TRANSACTION ID:

- RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0703' AND X'0803'
- SORTED BY RECORD DATE, TRANSACTION ID, RECORD TIME
- COLUMNS INCLUDE: RECORD DATE

```

RECORD TIME
TRAN ID
DISPATCH TIME
CPU TIME
TERMINAL INPUT COUNTS
TERMINAL OUTPUT COUNTS
FILE REQUESTS
FILE ACCESS
    
```

- CONTROL BREAK ON TRANSACTION ID RECORD DATE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```

* OPTIONS: SUMMARY MAXINCLUDE(2000)
OPTIONS: SUMMARY
INPUT: CIMSCMF1-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0703' OR X'0803')
TITLE: 'CICS TRAN REPORT' / 'CIMS CICS TRANSACTION ACCOUNTING
SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0' \ /
TITLE: / 'TRANSACTION ID REPORT' /
COMPUTE: TRAN-CPU-TIME = CIMS-CPU-TIME / 62500
COMPUTE: TRAN-DISPATCH-TIME = CIMS-DISPATCH-TIME / 62500
COLUMNS: CIMS-START-DATE(C-YMDD 'DATE')
          CIMS-START-TIME('HH:MM:SS.SSSS')
          CIMS-TRAN('TRANS|ID')
    
```

(continued...)

(Control Statements continued...)

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          TRAN-DISPATCH-TIME(PIC'ZZZZZ9.99999' 'TRANS
TIME|SSSS.SSSS')
          TRAN-CPU-TIME(PIC'ZZZZZ9.99999' 'CPU TIME|SSSS.SSSS')
          TRAN-INPUT-COUNT(PIC'ZZZZZ9' 'TERM|INPUT')
          TRAN-OUTPUT-COUNT(PIC'ZZZZZ9' 'TERM|OUTPUT')
          CIMS-FCNTL-TOTAL(PIC'ZZZZZ9' 'FILE|REQUESTS')
          CIMS-FCNTL-ACCESS(PIC'ZZZZZ9' 'ACCESS|COUNTS')
SORT: CIMS-DATE CIMS-TRAN CIMS-TIME
BREAK: CIMS-TRAN
      NOTOTAL
      FOOTING(CIMS-DATE(C-YMDD) 10
              CIMS-TRAN
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
BREAK: CIMS-DATE
      NOTOTAL
      FOOTING(CIMS-DATE(C-YMDD) 15
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
      FOOTING(' ')
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 12
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
    
```

CICS TRAN REPORT		CIMS CICS TRANSACTION ACCOUNTING SYSTEM				08/10/96	PAGE 1		
		CICS PERFORMANCE RECORDS							
		CIMS CICS RELEASE 11.0							
		TRANSACTION ID REPORT							
DATE	TIME HH:MM:SS	TRANS ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERM INPUT	TERM OUTPUT	FILE REQUESTS	ACCESS COUNTS	
960524		CATA	3.04248	0.06102	0	0	0	0	TRANS COUNT = 5
960524		CATD	1.56395	0.04922	0	0	0	0	TRANS COUNT = 5
960524		CATR	0.03006	0.00453	0	0	0	0	TRANS COUNT = 1
960524		CDTS	0.31099	0.01122	0	0	0	0	TRANS COUNT = 1
960524		CEMT	3.40091	0.11638	11	10	0	0	TRANS COUNT = 11
960524		CEOT	0.09776	0.01754	3	3	0	0	TRANS COUNT = 3
960524		CESF	0.13093	0.02314	4	4	0	0	TRANS COUNT = 4
960524		CESN	1.48592	0.05498	13	13	0	0	TRANS COUNT = 13
960524		CITS	1.60442	0.01222	0	0	0	0	TRANS COUNT = 1
960524		CQRY	0.37813	0.01562	10	10	0	0	TRANS COUNT = 10
960524		CRSQ	0.15302	0.00987	0	0	0	0	TRANS COUNT = 6
960524		CRSR	0.28235	0.01838	0	0	0	0	TRANS COUNT = 7
960524		CSAC	0.08776	0.00307	1	1	0	0	TRANS COUNT = 1
960524		CSFU	0.04285	0.00304	0	0	0	0	TRANS COUNT = 1
960524		CSSC	2.03235	0.13024	0	0	0	0	TRANS COUNT = 45
960524		CSSF	0.08779	0.00866	3	3	0	0	TRANS COUNT = 3
960524		CSSY	28.09581	1.14750	0	0	0	0	TRANS COUNT = 13
960524		CXRE	0.04595	0.00578	0	0	0	0	TRANS COUNT = 1
960524		DPM	5.20589	0.13018	8	9	8	11	TRANS COUNT = 16
960524		DSNC	12.79714	5.21499	0	0	0	0	TRANS COUNT = 2,779
960524		IPCP	38.79424	20.91421	0	0	15303	15303	TRANS COUNT = 26
960524		IPCR	0.59397	0.03917	0	0	48	48	TRANS COUNT = 1
960524		PRCK	4.92270	1.26179	0	0	0	0	TRANS COUNT = 170
960524		SAR	0.23592	0.08086	38	38	0	0	TRANS COUNT = 38
960524		WSGM	1.27901	0.01557	5	5	0	0	TRANS COUNT = 5
960524		LEMT	0.21432	0.00944	2	2	0	0	TRANS COUNT = 2
960524			106.91662	29.35861	98	98	15359	15362	TRANS COUNT = 3,168
960525		CATA	0.30592	0.00979	0	0	0	0	TRANS COUNT = 1
960525		CATD	0.03453	0.00821	0	0	0	0	TRANS COUNT = 1
960525		CESN	0.48829	0.00747	2	2	0	0	TRANS COUNT = 2
960525		CQRY	0.05915	0.00222	2	2	0	0	TRANS COUNT = 2
960525		CRSQ	0.00597	0.00094	0	0	0	0	TRANS COUNT = 1
960525		CSSC	0.04394	0.02146	0	0	0	0	TRANS COUNT = 11
960525		DSNC	0.74270	0.67970	0	0	0	0	TRANS COUNT = 367
960525		IPCP	7.38970	5.18395	0	0	4095	4095	TRANS COUNT = 7
960525		PRCK	0.41400	0.23176	0	0	0	0	TRANS COUNT = 39
960525		WSGM	0.32347	0.00230	1	1	0	0	TRANS COUNT = 1
960525			9.80766	6.14781	5	5	4095	4095	TRANS COUNT = 432
TOTALS...			116.72429	35.50642	103	103	19454	19457	TRANS COUNT = 3,600

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR162)

- CICS SUMMARY PERFORMANCE REPORT BY RECORD DATE, USER ID
 - RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CMFOUT
 - PROCESSES PERFORMANCE RECORD TYPES X'0703' AND X'0803'
 - SORTED BY RECORD DATE, USER ID, RECORD TIME
 - COLUMNS INCLUDE: RECORD DATE
 RECORD TIME
 USER ID
 DISPATCH TIME
 CPU TIME
 TERMINAL INPUT COUNTS
 TERMINAL OUTPUT COUNTS
 FILE REQUESTS
 FILE ACCESS
 - CONTROL BREAK ON USER ID RECORD DATE
 - SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
* OPTIONS: SUMMARY MAXINCLUDE(2000)
OPTIONS: SUMMARY
INPUT: CIMSCMF1-V10D1M15
INCLUDEIF: (CIMS-REC-TYPE = X'0703' OR X'0803')
TITLE: 'CICS USER REPORT' / 'CIMS CICS TRANSACTION ACCOUNTING
SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS PERFORMANCE RECORDS' /
TITLE: / 'CIMS CICS RELEASE 11.0' \ /
TITLE: / 'USER ID REPORT' /
COMPUTE: TRAN-CPU-TIME = CIMS-CPU-TIME / 62500
COMPUTE: TRAN-DISPATCH-TIME = CIMS-DISPATCH-TIME / 62500
COLUMNS: CIMS-START-DATE(C-YMMMDD 'DATE')
           CIMS-START-TIME('HH:MM:SS.SSSSS')
           CIMS-USERID('USER|ID')
```

(continued...)

(Control Statements continued...)

```
TRAN-DISPATCH-TIME(PIC'ZZZZZ9.99999' 'TRANS
TIME|SSSS.SSSSS')
TRAN-CPU-TIME(PIC'ZZZZZ9.99999' 'CPU TIME|SSSS.SSSSS')
TRAN-INPUT-COUNT(PIC'ZZZZZ9' 'TERM|INPUT')
TRAN-OUTPUT-COUNT(PIC'ZZZZZ9' 'TERM|OUTPUT')
CIMS-FCNTL-TOTAL(PIC'ZZZZZ9' 'FILE|REQUESTS')
CIMS-FCNTL-ACCESS(PIC'ZZZZZ9' 'ACCESS|COUNTS')
SORT: CIMS-DATE CIMS-USERID CIMS-TIME
BREAK: CIMS-USERID
      NOTOTAL
      FOOTING(CIMS-DATE(C-YMMMDD) 10
              CIMS-USERID
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
BREAK: CIMS-DATE
      NOTOTAL
      FOOTING(CIMS-DATE(C-YMMMDD) 19
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
      FOOTING(' ')
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS...' 16
              TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
              TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
              TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
              TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
              CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
              CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
              'TRANS COUNT = ' #ITEM)
```

CICS USER REPORT		CIMS CICS TRANSACTION ACCOUNTING SYSTEM				08/10/96	PAGE	1		
		CICS PERFORMANCE RECORDS								
		CIMS CICS REPEASE 11.0								
		USER ID REPORT								
DATE	TIME HH:MM:SS	USER ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERM INPUT	TERM OUTPUT	FILE REQUESTS	ACCESS COUNTS		
960524		ISLRJFJ	3.06627	0.13181	16	15	0	0	TRANS COUNT =	16
960524		ITLRR3H	8.08122	0.29923	52	53	8	11	TRANS COUNT =	72
960524		TSTCICSD	95.76914	28.92757	30	30	15351	15351	TRANS COUNT =	3,080
960524			106.91662	29.35861	98	98	15359	15362	TRANS COUNT =	3,168
960525		ITLRR3H	0.01550	0.00960	0	0	0	0	TRANS COUNT =	3
960525		TSTCICSD	9.79216	6.13821	5	5	4095	4095	TRANS COUNT =	429
960525			9.80766	6.14781	5	5	4095	4095	TRANS COUNT =	432
TOTALS...			116.72429	35.50642	103	103	19454	19457	TRANS COUNT =	3,600

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR163)

CICS SUMMARY PERFORMANCE REPORT BY RECORD DATE, APPLID
 - RECORDS PRODUCED BY PROGRAM CIMSCMF1 DDNAME CMFOUT
 - PROCESSES PERFORMANCE RECORD TYPES X'0703' AND X'0803'
 - SORTED BY RECORD DATE, APPLID, RECORD TIME
 - COLUMNS INCLUDE: RECORD DATE
 RECORD TIME
 APPLID
 DISPATCH TIME
 CPU TIME
 TERMINAL INPUT COUNTS
 TERMINAL OUTPUT COUNTS
 FILE REQUESTS
 FILE ACCESS
 - CONTROL BREAK ON APPLID RECORD DATE
 - SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

* OPTIONS: SUMMARY MAXINCLUDE(200)
 OPTIONS: SUMMARY
 INPUT: CIMSCMF1-V10D115
 INCLUDEIF: (CIMS-REC-TYPE = X'0703' OR X'0803')
 TITLE: 'CICS REGION RPT ' / 'CIMS CICS TRANSACTION ACCOUNTING
 SYSTEM' /
 #TODAY 'PAGE' #PAGENUM
 TITLE: / 'CICS PERFORMANCE RECORDS' /
 TITLE: / 'CIMS CICS RELEASE 11.0 ' /
 TITLE: / 'APPLICATION ID REPORT' /
 COMPUTE: TRAN-CPU-TIME = CIMS-CPU-TIME / 62500
 COMPUTE: TRAN-DISPATCH-TIME = CIMS-DISPATCH-TIME / 62500

(continued...)

(Control Statements continued...)

COLUMNS: CIMS-START-DATE(C-YMMMDD 'DATE')
 CIMS-START-TIME('HH:MM:SS.SSSSS')
 CIMS-APPLID('APPLID|ID')
 TRAN-DISPATCH-TIME(PIC'ZZZZZ9.99999' 'TRANS
 TIME|SSSS.SSSSS')
 TRAN-CPU-TIME(PIC'ZZZZZ9.99999' 'CPU TIME|SSSS.SSSSS')
 TRAN-INPUT-COUNT(PIC'ZZZZZ9' 'TERM|INPUT')
 TRAN-OUTPUT-COUNT(PIC'ZZZZZ9' 'TERM|OUTPUT')
 CIMS-FCNTL-TOTAL(PIC'ZZZZZ9' 'FILE|REQUESTS')
 CIMS-FCNTL-ACCESS(PIC'ZZZZZ9' 'ACCESS|COUNTS')
 SORT: CIMS-DATE CIMS-APPLID CIMS-TIME
 BREAK: CIMS-APPLID
 NOTOTAL
 FOOTING(CIMS-DATE(C-YMMMDD) 10
 CIMS-APPLID
 TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
 TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
 TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
 TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
 CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
 CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
 'TRANS COUNT = ' #ITEM)
 BREAK: CIMS-DATE
 NOTOTAL
 FOOTING(CIMS-DATE(C-YMMMDD) 19
 TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
 TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
 TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
 TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
 CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
 CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
 'TRANS COUNT = ' #ITEM)
 FOOTING(' ')
 BREAK: #GRAND
 NOTOTAL
 FOOTING('TOTALS...' 16
 TRAN-DISPATCH-TIME(TOTAL PIC'ZZZZZ9.99999')
 TRAN-CPU-TIME(TOTAL PIC'ZZZZZ9.99999') 2
 TRAN-INPUT-COUNT(TOTAL PIC'ZZZZZ9')
 TRAN-OUTPUT-COUNT(TOTAL PIC'ZZZZZ9') 2
 CIMS-FCNTL-TOTAL(TOTAL PIC'ZZZZZ9')
 CIMS-FCNTL-ACCESS(TOTAL PIC'ZZZZZ9') 5
 'TRANS COUNT = ' #ITEM)

CICS REGION RPT CIMS CICS TRANSACTION ACCOUNTING SYSTEM 08/10/96 PAGE 1
 CICS PERFORMANCE RECORDS
 CIMS CICS RELEASE 11.0
 APPLICATION ID REPORT

DATE	TIME HH:MM:SS	APPLID ID	TRANS TIME SSSS.SSSSS	CPU TIME SSSS.SSSSS	TERM INPUT	TERM OUTPUT	FILE REQUESTS	ACCESS COUNTS		
960524		CIMSCICS1	61.02005	9.60906	98	98	6434	6434	TRANS COUNT =	240
960524		CIMSCICS2	45.89658	19.74955	0	0	8925	8928	TRANS COUNT =	2,928
960524			106.91662	29.35861	98	98	15359	15362	TRANS COUNT =	3,168
960525		CIMSCICS1	6.47702	3.56184	5	5	2905	2905	TRANS COUNT =	48
960525		CIMSCICS2	3.33064	2.58597	0	0	1190	1190	TRANS COUNT =	384
960525			9.80766	6.14781	5	5	4095	4095	TRANS COUNT =	432
TOTALS...			116.72429	35.50642	103	103	19454	19457	TRANS COUNT =	3,600

Disk Reports Follow

Disk Reports

SPWTR026 CIMSDASD DETAIL IN DEVICE TYPE AND ACCOUNT CODE SEQUENCE	100
SPWTR060 DCOLLECT DETAIL IN ACCOUNT CODE SEQUENCE, ACTIVE DATASETS	102
SPWTR061 DCOLLECT EXCEPTION DETAIL REPORT	104
SPWTR062 VTOC DETAIL REPORT IN ACCOUNT CODE SEQUENCE.....	106
SPWTR063 VTOC EXCEPTION DETAIL REPORT	108
SPWTR064 DCOLLECT DETAIL IN ACCOUNT CODE SEQUENCE, DATASET ACTIVITY	110
SPWTR750 IDCAMS DCOLLECT DETAIL REPORT BY DATASET NAME	112

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR026)

CIMSDASD DETAIL REPORT BY ACCOUNT CODE, DEVICE TYPE:

- RECORDS PRODUCED BY PROGRAM CIMSDASD DDNAME CIMSRPTR
- PROCESSES ALL RECORDS
- SORTED BY ACCOUNT CODE, DEVICE TYPE
- COLUMNS INCLUDE: ACCOUNT CODE
 DEVICE TYPE
 DATA SET NAME
 TRACKS USED
- CONTROL BREAK ON DEVICE TYPE, ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSDASD-RECORD
TITLE: 'DASD          ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DASD DETAIL REPORT' /
TITLE: ' '
COLUMNS: CIMSDASD-ACCT-CODE('ACCOUNT|CODE')
           CIMSDASD-DEVICE-TYPE('DEVICE|TYPE')
           CIMSDASD-DSN('DATASET NAME')
           CIMSDASD-TRACKS-USED(PIC'ZZ,ZZZ,ZZ9' 'TRACKS USED')
SORT: CIMSDASD-ACCT-CODE CIMSDASD-DEVICE-TYPE
BREAK: CIMSDASD-DEVICE-TYPE
       TOTAL(CIMSDASD-ACCT-CODE
             CIMSDASD-DEVICE-TYPE)
BREAK: CIMSDASD-ACCT-CODE
       TOTAL(CIMSDASD-ACCT-CODE)
BREAK: #GRAND
       TOTAL('TOTALS.....')
    
```

DASD		CIMS JOB ACCOUNTING SYSTEM DASD DETAIL REPORT	PAGE 1
ACCOUNT CODE	DEVICE TYPE	DATASET NAME	TRACKS USED
A001	3380	ACSNS.AOC.NETWORK.DATABASE	6
A001	3380	ACSNS.NPM13.REVIEW.G0107V00	75
A001	3380	A613TDC.LOGON.CLIST	1
A001	3380	A613TDC.TEST.SASCODE	1
A001	3380	A821SGR.SPFLOG1.LIST	8
A001	3380	A821SJK.ISPF.ISPPROF	1
A001	3380	A821VDR.ISPF.TABLE	1
A001	3380	A822RAY.CN7626.PC.DOWNLOAD.FREDFILE.TEXT	9
A001	3380	A850JIW.SRCHFOR.LIST	9
A001	3380		111
A001			111
X001	3380	X99NS.ACSF.CICSACSG.DFHBUXT	75
X001	3380	X99NS.ACSF.CICSACSG.DFHDMPB	150
X001	3380	X99NS.ACSU.ACSCICSX.JCL	75
X001	3380	X99NS.ACSU.ACSCICSX.PARM	15
X001	3380	X99NS.ACSU.ACSCICSX.TABLELIB	75
X001	3380	X99NS.ACSU.ACSCICSX.USERLIB	30
X001	3380	X99NS.CTAB.HICICSP6.DFHMPA	150
X001	3380	X99NS.CTAB.HICICSP6.DFHMPB	150
X001	3380	X99NS.CTAB.HICICSP6.DFHJ01A	150
X001	3380	X99NS.CTAB.HICICSP6.JCL	75
X001	3380	X99NS.CTAB.HICICSP6.PARM	15
X001	3380	X99NS.CTAB.HICICSP6.TABLELIB	75
X001	3380	X99NS.CTAB.HICICSP6.USERLIB	30
X001	3380	X99NS.VWPT.VPTCICSA.CSDBKUP.AUG1491	9
X001	3380	X99NT.CTXA.CICSCTXA.DFHJ01B	150
X001	3380	X99VS.ACSF.CICSACSG.TMON01.DATA	300
X001	3380	X99VT.CTXA.CICSCTXA.DFHINTRA.DATA	75
X001	3380	X99VT.CTXA.CICSCTXA.DFHRS.DATA	150
X001	3380	X99VT.CTXA.CICSCTXA.DFHRS.INDEX	1
X001	3380	X99VT.CTXA.CICSCTXA.DFHTEMP.DATA	75
X001	3380		1,825
X001			1,825
TOTALS.....			1,936

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR060)

CIMSDISK DCOLLECT DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSDISK DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECTS JOBNAME 'CIMSDISK'
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
DATA SET NAME
MEGABYTES ALLOCATED
MEGABYTES USED
SECONDARY ALLOCATION
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

PLEASE NOTE THAT THIS REPORT IS CREATED FROM DCOLLECT DATA. PLEASE SEE YOUR IBM® DOCUMENTATION FOR MORE INFORMATION ON DCOLLECT FIELDS.

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSDISK      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DCOLLECT DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
           CIMRC991-JOBNAME = 'CIMSDISK')
COLUMNS:
  CIMRC991-ACT1('ACCOUNT|CODE')
  CIMRC991-IDENTIFICATION('DATASET NAME')
  CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9.999' 'MEGABYTES|ALLOCATED')
  CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.999' 'MEGABYTES|USED')
  CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9.999' 'SECONDARY|ALLOCATION')
SORT: CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(CIMRC991-ACT1)
BREAK: #GRAND
      TOTAL('TOTALS.....')

```

SPWTR060

DCOLLECT Detail in Account Code Sequence, Active Datasets

CIMSDISK		CIMS JOB ACCOUNTING SYSTEM DCOLLECT DETAIL REPORT		PAGE 1
ACCOUNT CODE	DATASET NAME	MEGABYTES ALLOCATED	MEGABYTES USED	SECONDARY ALLOCATION
AABBB000	CIMS.MASTER.MVS1	0.687	0.000	0.687
AABBB000	CIMS.PROCLIB.CNTL	41.857	16.423	6.862
AABBB000	CIMS.TC071906.VID89141.TA057531	0.229	0.000	0.046
AABBB000	CIMS.TD4C2A39.VID90130.TA21444E	0.046	0.000	0.046
AABBB000	CIMS.T89602F3.VID90240.TA29EDC6	0.046	0.000	0.046
AABBB000	CIMS.UCAT.VMVS121	1.372	0.000	0.138
AABBB000	CIMS.UCAT.VMVS121.CATINDEX	0.046	0.000	0.046
AABBB000	CIMS.UCAT.VPPD002	1.372	0.000	0.138
AABBB000	CIMS.UCAT.VPPD061	3.431	0.000	0.687
AABBB000	CIMS.UCAT.VPPD061.CATINDEX	0.046	0.000	0.046
AABBB000	CIMS.UCAT.VPPD961	1.372	0.000	0.138
AABBB000	CIMS.V000000X.DZJOPTWS	1.372	0.503	0.092
AABBB000	CIMS.V000000X.DZJSRCWS	2.059	0.777	0.092
AABBB000	CIMS.V0000002.DZJOPTWS	1.372	0.641	0.092
AABBB000	CIMS.V0000002.DZJSRCWS	2.059	1.098	0.092
AABBB000	CIMS.V0000999.CFIA	0.138	0.092	0.046
AABBB000		57.502	19.533	9.291
AABBB001	CIMS.DSNDBD.DSQDBMFG.DSQTSMFH.I0001.A001	23.546	0.000	0.000
AABBB001	CIMS.DSNDBD.DSQDBMPH.DSQTSMFH.I0001.A001	23.546	0.000	0.000
AABBB001	CIMS.DSNDBD.DPROLOME.SPOMEACC.I0001.A001	5.887	0.000	0.168
AABBB001	CIMS.DSNDBD.DPROLOME.SPOMESTA.I0001.A001	1.346	0.000	0.168
.....
AABBB001	CIMS.DSNDBD.DPROLFGL.XPFG1QRU.I0001.A001	13.455	0.000	1.682
AABBB001	CIMS.DSNDBD.DPROLFGL.XPFG1SHP.I0001.A001	13.455	0.000	1.682
AABBB001	CIMS.DSNDBD.DPROLFGL.XPFG1SKJ.I0001.A001	11.773	0.000	1.682
AABBB001	CIMS.DSNDBD.DPROLFPL.SPFPLACT.I0001.A001	0.168	0.000	0.000
AABBB001	CIMS.DSNDBD.DPROLFPL.SPFPLBLD.I0001.A001	0.393	0.000	0.056
AABBB001	CIMS.HRSRECOV.SORTOUT	149.687	0.000	17.660
AABBB001	CIMS.HRSRECOV.SYSUT1	233.781	0.056	17.660
AABBB001	CIMS.HRSREORG.SORTOUT	246.395	0.056	34.478
AABBB001	CIMS.HRSREORG.SYSREC	110.163	0.056	34.478
AABBB001	CIMS.HRSREORG.SYSUT1	246.395	0.056	34.478
AABBB001	CIMS.QQF.CLIST	0.280	0.112	0.056
AABBB001	CIMS.QQF.COBIN	0.841	0.785	0.112
AABBB001	CIMS.QQF.DBRM	0.112	0.056	0.112
AABBB001	CIMS.QQF.ISPLLIB	2.803	1.514	0.280
AABBB001	CIMS.QQF.ISPMLIB	0.280	0.056	0.112
AABBB001	CIMS.QQF.ISPPLIB	0.505	0.448	0.112
AABBB001	CIMS.QQF.ISPSLIB	0.112	0.112	0.112
AABBB001	CIMS.QQF.USER.LOAD	0.953	0.168	0.280
AABBB001	CIMS.QQF.VB.CLIST	0.336	0.112	0.112
AABBB001		1,250.197	3.587	162.299
TOTALS.....		1,307.699	23.120	171.590

SPWTR061

DCOLLECT Exception Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR061)

CIMSDISK DCOLLECT DETAIL EXCEPTION REPORT BY SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSDISK DDNAME CIMSEXOT
- PROCESSES RECORD TYPE 991
- SELECTS SYSTEM ID 'ZDSK'
- SORTED BY SYSTEM ID
- COLUMNS INCLUDE: SYSTEM ID

DATA SET NAME	KILOBYTES	SPACE ALLOCATED
	KILOBYTES	SPACE USED
	KILOBYTES	SECONDARY ALLOC
	KILOBYTES	SPACE WASTED
	KILOBYTES	MIGRATED SPACE

- CONTROL BREAK ON SYSTEM ID
- DETAIL REPORT

PLEASE NOTE THAT THIS REPORT IS CREATED FROM DCOLLECT DATA. PLEASE SEE YOUR IBM DOCUMENTATION FOR MORE INFORMATION ON DCOLLECT FIELDS.

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSEXOT-RECORD
TITLE: 'CIMSDISK ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DCOLLECT EXCEPTION DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMSEXOT-SYS-ID = 'ZDSK')
COLUMNS:
  CIMSEXOT-SYS-ID('SYS|ID')
  CIMSEXOT-ORIG-ACCT-CODE('DATASET NAME')
  CIMSEXOT-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'SPACE ALLOCATED|KILOBYTES')
  CIMSEXOT-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' 'SPACE USED|KILOBYTES')
  CIMSEXOT-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'SECONDARY ALLOC|KILOBYTES')
  CIMSEXOT-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'SPACE WASTED|KILOBYTES')
  CIMSEXOT-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'MIGRATED SPACE|KILOBYTES')
SORT: CIMSEXOT-SYS-ID
BREAK: CIMSEXOT-SYS-ID
      TOTAL(CIMSEXOT-SYS-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMSDISK		CIMMS JOB ACCOUNTING SYSTEM DCOLLECT EXCEPTION DETAIL REPORT				PAGE 1
SYS ID	DATASET NAME	SPACE ALLOCATED KILOBYTES	SPACE USED KILOBYTES	SECONDARY ALLOC KILOBYTES	SPACE WASTED KILOBYTES	MIGRATED SPACE KILOBYTES
ZDSK	\$CIMS.CA7R300.CNTL	1,405	94	0	12	0
ZDSK	\$CIMS.DSNDEB.TESTDB.INDPART.I0001.A001	57	0	57	0	0
ZDSK	\$CIMS.DSNDEB.TESTDB.INDPART.I0001.A002	57	0	57	0	0
ZDSK	\$CIMS.DSNDEB.TESTDB.TESTPART.I0001.A001	230	0	115	0	0
ZDSK	\$CIMS.DSNDEB.TESTDB.TESTPART.I0001.A002	230	0	115	0	0
ZDSK	\$CIMS.DSNDEB.TESTDB.TESTSPCE.I0001.A001	1,550	0	517	0	0
ZDSK	\$CIMS.PLAT.BPMODLIB	57	57	57	9	0
ZDSK	\$CIMS.PLAT.CLIST	2,583	2,583	115	397	0
ZDSK	\$CIMS.PLAT.COBIN	689	689	115	106	0
ZDSK	\$CIMS.PLAT.DBRMLIB	4,019	4,019	230	618	0
ZDSK	\$CIMS.PLAT.LOADLIB	56,145	54,251	4,306	0	0
ZDSK	\$CIMS.PLAT.MODEL	115	115	230	18	0
ZDSK	\$CIMS.PLAT.PARMLIB	172	172	402	26	0
ZDSK	\$CIMS.PLAT.PRODDATA	57	57	1,435	9	0
...
ZDSK	\$CIMS.SHARE.LINKLIB	703	234	0	0	0
ZDSK	\$CIMS.TMS49.AJNLBKUP	3,513	1,686	0	0	0
ZDSK	\$CIMS.TMS49.BKUP	105,398	25,998	0	0	0
ZDSK	@CIMS.BASE.ACDS1.DATA	10,540	0	703	0	0
ZDSK	@CIMS.BASE.COMMDS1.DATA	3,513	0	703	0	0
ZDSK	@CIMS.BASE.SCDS1.DATA	10,540	0	703	0	0
ZDSK	@CIMS.BASE.SCDS2.DATA	10,540	0	703	0	0
ZDSK	@CIMS.BASE.TESTLIB	468	468	94	62	0
ZDSK	@CIMS.BCDS.BACKUP.V0001761	41,831	38,365	3,513	8,068	0
ZDSK	@CIMS.BCDS.BACKUP.V0001762	41,223	38,459	3,513	8,088	0
ZDSK	@CIMS.BCDS.BACKUP.V0001763	41,223	38,506	3,513	8,098	0
ZDSK	@CIMS.BCDS.BACKUP.V0001764	41,504	38,552	3,513	8,108	0
ZDSK	@CIMS.BCDS.BACKUP.V0001765	41,738	38,740	3,513	8,147	0
ZDSK	@CIMS.CLISTLIB	10,540	5,528	0	611	0
ZDSK	@CIMS.CLISTLIB.S	1,405	94	0	10	0
ZDSK	@CIMS.ISPLLIB	2,811	1,218	0	0	0
ZDSK	@CIMS.ISPMLIB	890	328	703	43	0
ZDSK	@CIMS.ISPPLIB	7,448	2,904	703	383	0
ZDSK	@CIMS.ISPSLIB	6,183	3,092	703	407	0
ZDSK	@CIMS.ISPTLIB	25,015	10,493	1,405	1,383	0
ZDSK	@CIMS.JCL.CNTL	937	937	94	123	0
ZDSK	@CIMS.MFGOP.NRJERCV.PERM.MMF.DATA	1,665	1,665	57,408	296	0
ZDSK	@CIMS.MFGOP.PERM.MMF.MODEL.DETAIL.DATA.DB2	2,583	1,837	4,306	467	0
ZDSK	@CIMS.PLIB	1,405	1,405	703	185	0
ZDSK	@CIMS.PROCLIB.CNTL	35,835	24,031	0	1,884	0
ZDSK	@CIMS.SBLOP.SBL0094.DATA	113,668	113,094	18,084	18,584	0
ZDSK	@CIMS.SCDS.PDSPROD	796	234	47	31	0
ZDSK		750,183	566,041	139,204	83,462	0
TOTALS.....		750,183	566,041	139,204	83,462	0

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR062)

CIMSDISK VTOC DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSDISK DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECTS JOBNAME 'CIMSVTOC'
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
 DATA SET NAME
 3390 TRACKS USED
 3380 TRACKS USED
 3375 TRACKS USED
 OTHER TRACKS USED
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSDISK      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSVTOC DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSVTOC')
COLUMNS:
  CIMRC991-ACT1('ACCOUNT|CODE')
  CIMRC991-IDENTIFICATION('DATASET NAME')
  CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' '3390|TRACKS USED')
  CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' '3380|TRACKS USED')
  CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' '3375|TRACKS USED')
  CIMRC991-DATA-FIELD10(PIC'ZZZZ,ZZZ,ZZ9' 'OTHER|TRACKS USED')
SORT: CIMRC991-ACT1
BREAK: CIMRC991-ACT1
       TOTAL(CIMRC991-ACT1)
BREAK: #GRAND
       TOTAL('TOTALS.....')
    
```


SPWTR062

VTOC Detail Report in Account Code Sequence

CIMSDISK		CIMS JOB ACCOUNTING SYSTEM CIMSVTOC DETAIL REPORT				PAGE 1
ACCOUNT CODE	DATASET NAME	3390 TRACKS USED	3380 TRACKS USED	3375 TRACKS USED	OTHER TRACKS USED	
AABBB001	CIMS.VTOCIX.TST001	0	0	0	15	
AABBB001	CIMS.VVDS.VTST001	0	0	0	10	
AABBB001		0	0	0	25	
AABBB002	CIMS.CAD.UNITS	0	165	0	0	
AABBB002		0	165	0	0	
AABBB003	CIMS.PERSON.SYSPCH1	15	0	0	0	
AABBB003	CIMS.PGLEO.AGENDA.DATA	225	0	0	0	
AABBB003	CIMS.PGLEO.AGENDA.INDEX	2	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRPSF.DATA	540	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRPSF.INDEX	1	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRSLG.DATA	1,065	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRSL2.DATA	180	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRSL2.INDEX	1	0	0	0	
AABBB003	CIMS.PTTS.FM.FM000V.BP.BPRSL3.DATA	135	0	0	0	
....	
AABBB003	CIMS.TR.TR6340.TC.MSTR.DATA	30	0	0	0	
AABBB003	CIMS.TR.TR6340.TC.MSTR.INDEX	1	0	0	0	
AABBB003	CIMS.TR.TR6340.UPD	1	0	0	0	
AABBB003	CIMS.TR.TR6340.UPD2	1	0	0	0	
AABBB003	CIMS.TR.TR6350.TR.MSTR.DATA	60	0	0	0	
AABBB003	CIMS.TR.TR6350.TR.MSTR.INDEX	1	0	0	0	
AABBB003		2,429	0	0	0	
AABBB004	CIMS.DSNSAMP	0	0	35	0	
AABBB004	CIMS.DSNSAMPO	0	0	2	0	
AABBB004	CIMS.DSNTEMP	0	0	10	0	
AABBB004	CIMS.MVS.SOURCE	0	0	65	0	
AABBB004	CIMS.VH.SYSPCH1	0	0	15	0	
AABBB004	CIMS.WL.WL0014.EC.INCOME.INDEX	0	0	1	0	
AABBB004	CIMS.WL.WL0024.ACTIVE.PERSONS.SSN.AIX.DATA	0	0	60	0	
AABBB004	CIMS.WL.WL0024.ACTIVE.PERSONS.SSN.AIX.INDE	0	0	1	0	
AABBB004	CIMS.WL.WL0070.TABLES.INDEX	0	0	1	0	
AABBB004	CIMS.WL.WL0071.MEDS.TABLE.INDEX	0	0	1	0	
AABBB004	CIMS.WL.WL3355.FMS.BHIWARR.G0005V00	0	0	15	0	
AABBB004	CIMS.WW.SYSPCH1	0	0	15	0	
AABBB004		0	0	221	0	
TOTALS.....		2,429	165	221	25	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR063)

CIMSDISK VTOC DETAIL EXCEPTION REPORT BY SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSDISK DDNAME CIMSEXOT
- PROCESSES RECORD TYPE 991
- SELECTS SYSTEM ID 'ZTOC'
- SORTED BY SYSTEM ID

- COLUMNS INCLUDE: SYSTEM ID
 DATA SET NAME
 3390 TRACKS USED
 3380 TRACKS USED
 3375 TRACKS USED
 OTHER TRACKS USED

- CONTROL BREAK ON SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSEXOT-RECORD
TITLE: 'CIMSDISK      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMS VTOC EXCEPTION DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMSEXOT-SYS-ID = 'ZTOC')
COLUMNS:
    CIMSEXOT-SYS-ID('SYS|ID')
    CIMSEXOT-ORIG-ACCT-CODE('DATASET NAME')
    CIMSEXOT-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' '3390|TRACKS USED')
    CIMSEXOT-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' '3380|TRACKS USED')
    CIMSEXOT-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' '3375|TRACKS USED')
    CIMSEXOT-DATA-FIELD10(PIC'ZZZZ,ZZZ,ZZ9' 'OTHER|TRACKS USED')
SORT: CIMSEXOT-SYS-ID
BREAK: CIMSEXOT-SYS-ID
      TOTAL(CIMSEXOT-SYS-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMSDISK		CIMS JOB ACCOUNTING SYSTEM CIMSVTOC EXCEPTION DETAIL REPORT				PAGE 1
SYS ID	DATASET NAME	3390 TRACKS USED	3380 TRACKS USED	3375 TRACKS USED	OTHER TRACKS USED	
ZTOC	CIM.CICS.LOADLIB	0	15	0	0	
ZTOC	CIM.CIMS.CICS.LOADMODS	0	30	0	0	
ZTOC	CIM.CIMS.CICS.OBJECT	0	15	0	0	
ZTOC	CIM.CIMS.COPYLIB	0	45	0	0	
ZTOC	CIM.CIMS.MVS.COB2SRCE	0	150	0	0	
ZTOC	CIM.CIMS.SMF.CENTRAL.DATA	0	360	0	0	
ZTOC	CIMS.CJISPTYP.CNTLLIB	0	50	0	0	
ZTOC	CIMS.CJISPTYP.VTST001	0	150	0	0	
ZTOC	CIMS.CJISPTYP.VTST001.CATINDEX	0	1	0	0	
ZTOC	CIMS.DATALIB	1	0	0	0	
ZTOC	CIMS.DESELECT	56	0	0	0	
ZTOC	CIMS.DSNDBD.DSNDB06.DSNADX01.I0001.A001	1	0	0	0	
ZTOC	CIMS.DSNDBD.DSNDB06.DSNAGX01.I0001.A001	5	0	0	0	
ZTOC	CIMS.D93165.T064615.FILEAID	1	0	0	0	
ZTOC	CIMS.EDCJIS.FIFM05.FILE.DATA	96	0	0	0	
..	
ZTOC	CIMS.FAMIS.JCLBUD	0	0	15	0	
ZTOC	CIMS.FAMIS.PROCBUDN	0	0	15	0	
ZTOC	CIMS.FAMIS.REORG	0	0	15	0	
ZTOC	CIMS.JCLLIB	0	0	8	0	
ZTOC	CIMS.LMIS.DIST	0	0	1	0	
ZTOC	CIMS.MISC.UPLOAD	0	57	0	0	
ZTOC	CIMS.MS.LOADLIB	0	150	0	0	
ZTOC	CIMS.MVS.MSTR	0	1,500	0	0	
ZTOC	CIMS.MVS.SOURCE	0	16	0	0	
ZTOC	CIMS.MVS.TRJCL	0	165	0	0	
ZTOC	CIMS.MVSICF1.VTST001	0	450	0	0	
ZTOC	CIMS.MVSICF1.VTST001.CATINDEX	0	0	0	1	
ZTOC	CIMS.NEW.SQLLIB	0	0	0	5	
ZTOC	CIMS.PROCLIB	0	0	0	11	
ZTOC	CIMS.RE3007P.MTD.STATS	0	0	0	15	
ZTOC	CIMS.RE8102P.DOC.DESC.LONG	0	0	0	15	
ZTOC	CIMS.SQL.SAMPLIB	0	0	0	15	
ZTOC	CIMS.TEMP.DBRM	0	0	0	20	
ZTOC	CIMS.TEST.JCLLIB	0	0	0	5	
ZTOC	CIMS.T193946.RA000.VPS.S36001	0	30	0	0	
ZTOC	CIMS.SMPWRK3.T1431214.D93223.OBJ	0	69	0	0	
ZTOC	CIMS.SPFTEMP1.CNTL	0	4	0	0	
ZTOC		228	3,257	220	87	
TOTALS.....		228	3,257	220	87	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR064)

CIMSDISK DCOLLECT DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSDISK DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECTS JOBNAME 'CIMSDISK'
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
DATA SET NAME
MEGABYTES MIGRATED SPACE
MIGRATED TAPE DATASETS
BACKUP SPACE
BACKUP TAPE DATASETS
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

PLEASE NOTE THAT THIS REPORT IS CREATED FROM DCOLLECT DATA. PLEASE SEE YOUR IBM DOCUMENTATION FOR MORE INFORMATION ON DCOLLECT FIELDS.

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSDISK      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DCOLLECT DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
           CIMRC991-JOBNAME = 'CIMSDISK')
COLUMNS:
  CIMRC991-ACT1('ACCOUNT|CODE')
  CIMRC991-IDENTIFICATION('DATASET NAME')
  CIMRC991-DATA-FIELD01(PIC'ZZZZZZ,ZZ9.999' 'ALLOCATED|MEGABYTES')
  CIMRC991-DATA-FIELD05(PIC'ZZZZZZ,ZZ9.999' 'MIGRATE|SIZE|MEGABYTES')
  CIMRC991-DATA-FIELD06(PIC'ZZZZZZ,ZZZ,ZZ9' 'MIGRATE|TAPE|COUNT')
  CIMRC991-DATA-FIELD07(PIC'ZZZZZZ,ZZ9.999' 'BACKUP|SIZE|MEGABYTES')
  CIMRC991-DATA-FIELD08(PIC'ZZZZZZ,ZZZ,ZZ9' 'BACKUP|TAPE|COUNT')
SORT: CIMRC991-ACT1
BREAK: CIMRC991-ACT1
       TOTAL(CIMRC991-ACT1)
BREAK: #GRAND
       TOTAL('TOTALS.....')

```

CIMSDISK		CIMS JOB ACCOUNTING SYSTEM DCOLLECT DETAIL REPORT				PAGE	1
ACCOUNT CODE	DATASET NAME	ALLOCATED MEGABYTES	MIGRATE SIZE MEGABYTES	MIGRATE TAPE COUNT	BACKUP SIZE MEGABYTES	BACKUP TAPE COUNT	
AABBB002	CIMS.AMAP7.ACF.VSC.MASTER	0.000	0.754	0	0.000	0	
AABBB002	CIMS.AMAP7.ACS.VSC.MASTER	0.000	0.240	0	0.000	0	
AABBB002	CIMS.AMAP7.ALF.VSC.MASTER	0.000	17.916	1	0.000	0	
AABBB002	CIMS.AMAP7.APF.VSC.MASTER	0.000	0.004	0	0.000	0	
AABBB002	CIMS.AMAP7.BGF.VSC.MASTER	0.000	0.033	0	0.000	0	
AABBB002	CIMS.AMAP7.CIMS.VSC.MASTER	0.000	1.242	0	0.000	0	
AABBB002	CIMS.AMAP7.CAF.VSC.MASTER	0.000	0.006	0	0.000	0	
AABBB002	CIMS.AMAP7.CAI.VSC.MASTER	0.000	0.004	0	0.000	0	
AABBB002	CIMS.AMAP7.CAS.VSC.MASTER	0.000	0.002	0	0.000	0	
AABBB002	CIMS.AMAP7.CMF.VSC.MASTER	0.000	0.752	0	0.000	0	
AABBB002	CIMS.AMAP7.COF.VSC.MASTER	0.000	0.246	0	0.000	0	
AABBB002	CIMS.AMAP7.CONTROL.VSD.MASTER	1.281	0.000	0	0.000	0	
AABBB002	CIMS.AMAP7.CONTROL.VSI.MASTER	0.046	0.000	0	0.000	0	
AABBB002	CIMS.AMAP7.CPF.VSC.MASTER	0.000	0.000	0	28.103	1	
AABBB002	CIMS.AMAP7.CTS.VSC.MASTER	0.000	0.000	0	0.002	0	
AABBB002	CIMS.AMAP7.DMS.VSC.MASTER	0.000	0.000	0	5.588	0	
AABBB002	CIMS.AMAP7.EBF.VSC.MASTER	0.000	0.000	0	1.660	0	
AABBB002	CIMS.AMAP7.EBI.VSC.MASTER	0.000	0.000	0	0.404	0	
AABBB002	CIMS.AMAP7.FTF.VSC.MASTER	0.000	0.000	0	73.974	3	
AABBB002	CIMS.AMAP7.FTS.VSC.MASTER	0.000	0.000	0	4.537	0	
AABBB002	CIMS.AMAP7.FXF.VSD.MASTER	0.046	0.000	0	0.000	0	
AABBB002	CIMS.AMAP7.FXF.VSI.MASTER	0.046	0.000	0	0.000	0	
AABBB002	CIMS.AMAP7.GLF.VSC.MASTER	0.000	2.211	0	0.000	0	
AABBB002	CIMS.AMAP7.ICF.VSC.MASTER	0.000	18.047	2	0.000	0	
AABBB002	CIMS.AMAP7.ICI.VSC.MASTER	0.000	1.512	0	0.000	0	
AABBB002	CIMS.AMAP7.ICS.VSC.MASTER	0.000	1.676	0	0.000	0	
AABBB002	CIMS.AMAP7.IDF.VSC.MASTER	0.000	30.713	2	0.000	0	
AABBB002	CIMS.AMAP7.ILF.VSC.MASTER	0.000	0.002	0	0.000	0	
AABBB002	CIMS.AMAP7.IMF.VSC.MASTER	0.000	11.291	0	0.000	0	
AABBB002	CIMS.AMAP7.IMI.VSC.MASTER	0.000	0.000	0	1.158	0	
AABBB002	CIMS.AMAP7.ITS.VSC.MASTER	0.000	0.000	0	5.150	0	
AABBB002	CIMS.AMAP7.JMF.VSC.MASTER	0.000	0.000	0	90.387	4	
....	
AABBB002	CIMS.AMAP7.LLI.VSD.MASTER	0.046	0.000	0	0.000	0	
AABBB002	CIMS.ISPF.ISPPROF	0.046	0.000	0	0.000	0	
AABBB002	CIMS.ISPF.ISPPROF	0.046	0.000	0	0.000	0	
AABBB002	CIMS.MVS.HBLUGMST.BOOK	0.641	0.000	0	0.000	0	
AABBB002	CIMS.MVS.IBLU0MST.BOOK	2.013	0.000	0	0.000	0	
AABBB002	CIMS.MVS.IEVMST.BOOK	0.412	0.000	0	0.000	0	
AABBB002	CIMS.MVS.IGYWBAPG.BOOK	1.052	0.000	0	0.000	0	
AABBB002	CIMS.MVS.IGYWB LRM.BOOK	0.869	0.000	0	0.000	0	
AABBB002	CIMS.MVS.IGYWB MIG.BOOK	0.595	0.000	0	0.000	0	
AABBB002		7.093	86.679	5	211.096	8	
TOTALS.....		7.093	86.679	5	211.096	8	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR750)

DCOLLECT DETAIL REPORT BY DATASET NAME:

- RECORDS PRODUCED BY IDCAMS DCOLLECT
- PROCESSES RECORD TYPE 'D'
- SORTED BY DATASET NAME
- COLUMNS INCLUDE: DATASET NAME
 CREATE DATE
 KILOBYTES ALLOCATED
 KILOBYTES USED
 SECONDARY ALLOCATION
- CONTROL BREAK ON DATASET NAME
- DETAIL REPORT

PLEASE NOTE THAT THIS REPORT IS CREATED FROM DCOLLECT DATA. PLEASE SEE YOUR IBM DOCUMENTATION FOR MORE INFORMATION ON DCOLLECT FIELDS.

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSDCOL-RECORD
TITLE: 'SPWTR750' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DCOLLECT DETAIL REPORT' /
INCLUDEIF: CIMSDCOL-DCURCTYP1 = 'D'
COLUMNS:
  CIMSDCOL-DCDDSNAM('DATASET NAME')
  CIMSDCOL-DCDCREDT('CREATE|DATE')
  CIMSDCOL-DCDALLSP(PIC'ZZZZZ,ZZZ,ZZZ,ZZ9' 'KILOBYTES|ALLOCATED')
  CIMSDCOL-DCDUSESP(PIC'ZZZZZ,ZZZ,ZZZ,ZZ9' 'KILOBYTES|USED')
  CIMSDCOL-DCDSCALL(PIC'ZZZZZ,ZZZ,ZZZ,ZZ9' 'KILOBYTES|SECONDARY')
SORT: CIMSDCOL-DCDDSNAM
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

CIMS JOB ACCOUNTING SYSTEM		DCOLLECT DETAIL REPORT			PAGE 1
DATASET NAME	CREATE DATE	KILOBYTES ALLOCATED	KILOBYTES USED	KILOBYTES SECONDARY	
CIMS.DB2PROD.CLIST	09/05/95	47	47	47	
CIMS.DB2TEST.CLIST	09/05/95	47	47	47	
CIMS.D051492.T155244	05/14/95	47	47	47	
CIMS.D051492.T160129	05/14/95	47	47	47	
CIMS.D051492.T160425	05/14/95	47	0	47	
CIMS.D051492.T160510	05/14/95	47	0	47	
CIMS.D051492.T161041	05/14/95	47	0	47	
CIMS.D051492.T161103	05/14/95	47	0	47	
CIMS.D051492.T161227	05/14/95	47	0	47	
CIMS.D051492.T161304	05/14/95	47	0	47	
CIMS.D051492.T161321	05/14/95	47	0	47	
CIMS.D051492.T161601	05/14/95	47	0	47	
CIMS.D051492.T161713	05/14/95	47	0	47	
CIMS.FOCSQL.DATA	08/21/95	141	141	94	
CIMS.ISPF.ISPPROF	05/15/95	47	47	0	
CIMS.JCL.TEST	10/24/95	47	47	47	
CIMS.MASTER.DATA	08/12/95	281	281	94	
CIMS.OERPT.CLIST	03/04/95	47	47	47	
CIMS.OFFLINE.LISTING	06/20/95	47	0	937	
CIMS.PROD.CLIST	08/12/95	94	94	234	
CIMS.PROD.FMU	08/12/95	94	94	1,874	
CIMS.PROD.FOCCOMP	08/12/95	94	47	2,108	
CIMS.PROD.FOCEXEC	08/12/95	703	703	1,405	
CIMS.PROD.FOCSQL	08/26/95	703	375	703	
CIMS.PROD.JCLLIB	08/12/95	187	187	47	
CIMS.PROD.MASTER	08/26/95	1,405	937	703	
CIMS.PROD.OEJOINS.TABLE	04/22/95	47	47	468	
CIMS.PROD.PRALLOC.FOCUS	04/20/95	234	234	468	
CIMS.PROD.TABLES	08/12/95	47	47	47	
CIMS.PROD.TRF	08/12/95	47	47	234	
CIMS.PRT.LIB	05/30/95	703	94	1,405	
CIMS.TEST.CLIST	08/12/95	141	141	234	
CIMS.TEST.FOCCOMP	08/12/95	703	47	2,108	
CIMS.TEST.FOCEXEC	08/12/95	703	47	1,405	
CIMS.TEST.FOCSQL	08/20/95	94	94	94	
CIMS.TEST.MASTER	08/12/95	141	141	47	
CIMS.USER.FOCCOMP	08/22/95	94	47	2,108	
CIMS.USER.FOCEXEC	08/22/95	1,405	1,265	1,405	
CIMS.USER.FOCSQL	08/22/95	47	47	94	
CIMS.USER.MASTER	08/22/95	94	94	47	
CIMS.USER.TABLES	08/22/95	47	47	47	
CIMS.USER.TRF	02/25/95	47	47	234	
TOTALS.....		9,095	5,674	19,349	

Tape Reports Follow

Tape Reports

SPWTR070 TMS DETAIL REPORT IN ACCOUNT CODE SEQUENCE	116
SPWTR071 TMS EXCEPTION DETAIL REPORT	118
SPWTR072 ZARA 991 EXCEPTION DETAIL REPORT	120
SPWTR073 ZARA DETAIL REPORT IN ACCOUNT CODE SEQUENCE.....	122
SPWTR751 TMS DETAIL REPORT	124
SPWTR752 ZARA TAPE DETAIL REPORT	126

REPORT DESCRIPTION

The control statements for this report are found in member:
 CIMS.REPTLIB(SPWTR070)

CIMSTAPE TMS DETAIL REPORT BY ACCOUNT CODE:
 - RECORDS PRODUCED BY PROGRAM CIMSTAPE DDNAME CIMSACCT
 - PROCESSES RECORD TYPE 991
 - SELECTS JOBNAME 'CIMSTAPE'
 SYSTEM ID 'ZTPE'
 - SORTED BY ACCOUNT CODE
 - COLUMNS INCLUDE: ACCOUNT CODE
 DATA SET NAME
 3420 ROUND TAPES
 3480 CARTRIDGE TAPES
 3490 CARTRIDGE TAPES
 TEMPORARY TAPE DATA SET NAMES
 UNKNOWN TAPES
 OFF-SITE 3420 ROUND TAPES
 OFF-SITE 3480 CARTRIDGE TAPES
 OFF-SITE 3490 CARTRIDGE TAPES
 OFF-SITE TEMPORARY TAPE DATA SET NAMES
 OFF-SITE UNKNOWN TAPES
 - CONTROL BREAK ON ACCOUNT CODE
 - DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

INPUT: CIMRC991-RECORD
 TITLE: 'SPWTR070' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
 PAGE' #PAGENUM
 TITLE: / 'CIMSTAPE DETAIL REPORT' /
 TITLE: ' '
 INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
 CIMRC991-JOBNAME = 'CIMSTAPE' AND
 CIMRC991-SYSTEM-ID = 'ZTPE')
 COLUMNS: CIMRC991-ACT1('ACCOUNT|CODE')
 CIMRC991-IDENTIFICATION('DATASET NAME')
 CIMRC991-DATA-FIELD01(PIC'ZZZZZ9' '3420|9 TRACK')
 CIMRC991-DATA-FIELD02(PIC'ZZZZZ9' '3480|CART')
 CIMRC991-DATA-FIELD03(PIC'ZZZZZ9' '3490|CART')
 CIMRC991-DATA-FIELD04(PIC'ZZZZZ9' 'TEMP|DSN')
 CIMRC991-DATA-FIELD05(PIC'ZZZZZ9' 'OTHER')
 CIMRC991-DATA-FIELD06(PIC'ZZZZZ9' 'OFFSITE|3420|9 TRACK')
 CIMRC991-DATA-FIELD07(PIC'ZZZZZ9' 'OFFSITE|3480|CART')
 CIMRC991-DATA-FIELD08(PIC'ZZZZZ9' 'OFFSITE|3490|CART')
 CIMRC991-DATA-FIELD09(PIC'ZZZZZ9' 'OFFSITE|TEMP|DSN')
 CIMRC991-DATA-FIELD10(PIC'ZZZZZ9' 'OFFSITE|OTHER|')
 SORT: CIMRC991-ACT1
 BREAK: CIMRC991-ACT1
 TOTAL(CIMRC991-ACT1)
 BREAK: #GRAND
 TOTAL('TOTALS.....')

CIMS JOB ACCOUNTING SYSTEM											Date	PAGE	1			
CIMSTAPE DETAIL REPORT																
ACCOUNT CODE	DATASET NAME	3420 9 TRACK	3480 CART	3490 CART	TEMP DSN	OTHER	OFFSITE 3420 9 TRACK	OFFSITE 3480 CART	OFFSITE 3490 CART	OFFSITE TEMP DSN	OFFSITE OTHER					
AABBBAA	CIMS.ADABAS.V5.DB20.PLOG.G0284V00	1	0	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.DLBES1.G0004V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRD005.G0037V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRD014.G0045V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRD015.G0041V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRDV01.G0047V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRDV09.G0030V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRDV12.G0002V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRDV19.G0001V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.PRDV20.G0005V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.SYS006.G0036V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.SYSTS1.G0041V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.SYSTS1.G0047V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.TEST01.G0041V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.TEST01.G0047V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.MONTHLY.TEST04.G0045V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.PROD.DOALIBR.MONTHLY.G0015V00	1	0	0	0	0	0	0	0	0	0	0	0			
AABBBAA	CIMS.TEST.AOILIBR.MONTHLY.G0002V00	0	0	0	0	1	0	0	0	0	0	0	0			
AABBBAA	CIMS.TEST.AOILIBR.WEEKLY.G0021V00	0	0	0	0	1	0	0	0	0	0	0	0			
AABBBAA		2	12	3	0	2	0	0	0	0	0	0	0			
AABBBBE	CIMS.AP8601.APFM100.EOYB.G0004V00	0	0	0	0	0	0	1	0	0	0	0	0			
AABBBBE	CIMS.AP8601.APFM100.EOYB.G0004V00	0	0	0	0	0	0	1	0	0	0	0	0			
AABBBBE	CIMS.AR0402.RK900M.G0030V00	0	0	0	0	0	0	1	0	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFB100.EOM.G0030V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFB100.EOM.G0030V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFB100.EOM.G0030V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFB100.EOM.G0035V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFB100.EOM.G0035V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFM100.APURGE.G0011V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFM100.APURGE.G0011V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.CC8601.CCFM100.APURGE.G0014V00	0	0	0	0	0	0	0	1	0	0	0	0			
AABBBBE	CIMS.FA0705.MASTER.BEFORE.G0003V00	0	0	0	0	0	0	1	0	0	0	0	0			
AABBBBE	CIMS.PT0301.AUDIT.EOY.G0001V00	0	0	0	0	0	0	1	0	0	0	0	0			
AABBBBE		0	0	0	0	0	0	2	8	0	0	0	0			
AABBBCC	CIMS.CONV.PSFM100.G0013V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.EDI.PSFM900.BKUP.G0534V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.AFTER.G0754V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.AFTER.G0756V00	0	1	0	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.AFTER.G0769V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.AUDIT.G0697V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.AUDIT.G0707V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBCC	CIMS.PROD.PSFL905.BKUP.G0676V00	0	0	1	0	0	0	0	0	0	0	0	0			
AABBBCC		0	4	4	0	0	0	0	0	0	0	0	0			
TOTALS.....		2	16	7	0	2	0	2	8	0	0	0	0			

SPWTR071

TMS Exception Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR071)

CIMSTAPE TMS DETAIL EXCEPTION REPORT BY SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSTAPE DDNAME CIMSEXOT
- PROCESSES TMS EXCEPTION RECORDS
- SELECTS SYSTEM ID 'ZTPE'
- SORTED BY SYSTEM ID
- COLUMNS INCLUDE: SYSTEM ID
DATA SET NAME
ROUND TAPES
3480 CARTRIDGE TAPES
3490 CARTRIDGE TAPES
TEMPORARY TAPES DSN'S
UNKNOWN TAPES
- CONTROL BREAK ON SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSEXOT-RECORD
TITLE: 'SPWTR071' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSTAPE EXCEPTION DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: CIMSEXOT-SYS-ID = 'ZTPE'
COLUMNS:
  CIMSEXOT-SYS-ID('SYS|ID')
  CIMSEXOT-ORIG-ACCT-CODE('DATASET NAME')
  CIMSEXOT-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'ROUND TAPES')
  CIMSEXOT-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' '3480 CART TAPES')
  CIMSEXOT-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' '3490 CART TAPES')
  CIMSEXOT-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'TEMP DSN TAPES')
  CIMSEXOT-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'UNKNOWN TAPES')
SORT: CIMSEXOT-SYS-ID
BREAK: CIMSEXOT-SYS-ID
      TOTAL(CIMSEXOT-SYS-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMS JOB ACCOUNTING SYSTEM
CIMSTAPE EXCEPTION DETAIL REPORT

SYS ID	DATASET NAME	ROUND TAPES	3480 CART TAPES	3490 CART TAPES	TEMP DSN TAPES	UNKNOWN TAPES
ZTPE	PROD.AAP.XS.AHW000H.Y83.G0001V00	1	0	0	0	0
ZTPE	PROD.AAP.XS.AJZ955J.G0005V00	1	0	0	0	0
ZTPE	PROD.AAR.BU.ACZ000H2.G0003V00	0	1	0	0	0
ZTPE	PROD.AOI.BU.MTHOAUD.G0025V00	0	1	0	0	0
ZTPE	PROD.AOI.XP.AAB000JA.G0646V00	0	1	0	0	0
ZTPE	PROD.AOI.XP.AAZ000H1.G0004V00	0	0	1	0	0
ZTPE	PROD.AOI.XP.FR300D.P997.G0014V00	0	0	1	0	0
ZTPE	PROD.AOI.XS.ACB010J.G0477V00	0	1	0	0	0
ZTPE	PROD.APZ425J.HIST.PW.TICK.DET.G0001V00	1	0	0	0	0
ZTPE	PROD.ASI.BU.ACK103I.G0355V00	0	1	0	0	0
ZTPE	PROD.ASL.BU.AFZ000H1.G0002V00	0	1	0	0	0
ZTPE	PROD.ASL.BU.AFZ000H6.G0002V00	0	1	0	0	0
ZTPE	PROD.ASL.XS.AFZ900H4.G0011V00	0	1	0	0	0
ZTPE	PROD.AST.XS.JEAMTS.G0018V00	0	1	0	0	0
ZTPE	PROD.DCA.SM.DCACPLHT.G0001V00	1	0	0	0	0
ZTPE	PROD.DCU.XP.DCOMBTPA.G0173V00	1	0	0	0	0
ZTPE	PROD.DFT.SM.DAPLFRTY.G0011V00	1	0	0	0	0
ZTPE	PROD.DGA.XS.DGABK2.G0149V00	1	0	0	0	0
ZTPE	PROD.DIN.BU.DMANMSTR.G0107V00	0	1	0	0	0
ZTPE	PROD.DIN.SM.DPITOTAL.G1441V00	0	1	0	0	0
ZTPE	PROD.DIN.XD.DFINGDS.G0024V00	0	1	0	0	0
ZTPE	PROD.DIN.XD.DFINGDS.G0026V00	0	1	0	0	0
ZTPE	PROD.DIN.XP.DLYPU.G1205V00	0	1	0	0	0
ZTPE	PROD.DIN.XS.DZIPTAP2.G1209V00	0	1	0	0	0
ZTPE	PROD.DIN.XS.DZIPTAP2.G1211V00	0	1	0	0	0
ZTPE	PROD.DPA.XP.DPRSLS.G0015V00	0	1	0	0	0
ZTPE	PROD.DPA.XP.DPRWORK.G0015V00	1	0	0	0	0
ZTPE	PROD.DST.BU.ZSTDBI.G0035V00	1	0	0	0	0
ZTPE	PROD.DST.SM.DSTRYTD.G0057V00	1	0	0	0	0
ZTPE	PROD.DST.SM.DSTRYTD.G0060V00	0	1	0	0	0
ZTPE	PROD.DST.SS.DSTVSYTD.G0057V00	0	0	1	0	0
ZTPE	PROD.DST.XD.DST0685.G0003V00	0	0	1	0	0
ZTPE	PROD.DUT.BU.DPRDBDP.G0003V00	0	0	1	0	0
ZTPE	PROD.EWD.BU.EFDEDMFW.G0331V00	0	0	1	0	0
ZTPE	PROD.EWD.BU.EFDGLJE.REG.G0019V00	0	0	1	0	0
ZTPE	PROD.EWD.BU.EFDTDBF.G0004V00	0	0	1	0	0
ZTPE	PROD.EWD.BU.EFPEDMFY.G0495V00	0	1	0	0	0
ZTPE	PROD.EWD.BU.EFPTD1F.G0249V00	0	1	0	0	0
ZTPE	PROD.EWD.BU.OPENITEM.G0011V00	0	0	1	0	0
ZTPE	PROD.EWD.DM.EFDARINV.G0499V00	0	0	1	0	0
ZTPE	PROD.ZAP.APRSJES.G0105V00	0	1	0	0	0
ZTPE	PROD.ZPS.BU.ZPSTRAN.G1181V00	0	1	0	0	0
ZTPE	PROD.ZTE.BU.AJQOITEM.G0028V00	0	1	0	0	0
ZTPE	PROD.ZTE.XS.AJQ435J.G0027V00	0	0	1	0	0
ZTPE		10	23	11	0	0
TOTALS.....		10	23	11	0	0

SPWTR072

ZARA 991 Exception Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR072)

CIMSTAPE ZARA DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSTAPE DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECTS JOBNAME 'CIMSTAPE'
 SYSTEM ID 'ZARA'
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
 DATA SET NAME
 3480 CARTRIDGE TAPES
 3490 CARTRIDGE TAPES
 ROUND TAPES
 UNKNOWN TAPES
 OFF-SITE 3480 CARTRIDGE TAPES
 OFF-SITE 3490 CARTRIDGE TAPES
 OFF-SITE ROUND TAPES
 OFF-SITE UNKNOWN TAPES
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC991-RECORD
TITLE: 'SPWTR072' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSTAPE DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSTAPE' AND
            CIMRC991-SYSTEM-ID = 'ZARA')
COLUMNS: CIMRC991-ACT1('ACCOUNT|CODE')
           CIMRC991-IDENTIFICATION('DATASET NAME')
           CIMRC991-DATA-FIELD01(PIC'ZZZZZZZ9' '3480|CART')
           CIMRC991-DATA-FIELD02(PIC'ZZZZZZZ9' '3490|CART')
           CIMRC991-DATA-FIELD03(PIC'ZZZZZZZ9' 'ROUND|TAPES')
           CIMRC991-DATA-FIELD04(PIC'ZZZZZZZ9' 'UNKNOWN|TAPES')
           CIMRC991-DATA-FIELD06(PIC'ZZZZZZZ9' 'OFF-SITE|3480|CART')
           CIMRC991-DATA-FIELD07(PIC'ZZZZZZZ9' 'OFF-SITE 3490|CART')
           CIMRC991-DATA-FIELD08(PIC'ZZZZZZZ9' 'OFF-SITE ROUND|TAPES')
           CIMRC991-DATA-FIELD09(PIC'ZZZZZZZ9' 'OFF-SITE|UNKNOWN|TAPES')
SORT: CIMRC991-ACT1 CIMRC991-SYSTEM-ID
BREAK: CIMRC991-ACT1
       TOTAL(CIMRC991-ACT1)
BREAK: #GRAND
       TOTAL('TOTALS.....')
```

CIMS JOB ACCOUNTING SYSTEM										PAGE	1
CIMTAPE DETAIL REPORT											
ACCOUNT CODE	DATASET NAME	3480 CART	3490 CART	ROUND TAPES	UNKNOWN TAPES	OFF-SITE 3480 CART	OFF-SITE 3490 CART	OFF-SITE ROUND TAPES	OFF-SITE UNKNOWN TAPES		
AABBBAA	CIMS.FDRBKUP.E00PP1.D042192	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.FDRBKUP.E00PP1.D052692	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.FDRBKUP.E00PP1.D052692	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.FDRBKUP.E00PP2.D052692	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.FDRBKUP.E00PP2.D052692	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.FDRBKUP.E00PP2.D070192	1	0	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.ATSMK.PANLEM.SOURCE.G0152V00	0	0	1	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.SMK.PANLEM.SOURCE.G0529V00	0	0	1	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG00.G0863V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG05.G0518V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG06.G0431V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG07.G0184V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG09.G0129V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG10.G0132V00	0	1	0	0	0	0	0	0		0
AABBBAA	CIMS.SYS.BKUP.VMKTG11.G0116V00	0	1	0	0	0	0	0	0		0
AABBBAA		6	7	2	0	0	0	0	0		0
AABBBBB	CIMS.ARCH.MERGPRI1.DMSC.C1991350.T115636	0	0	0	0	0	0	1	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0001V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0002V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0005V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0006V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0013V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA017.DSN1.G0015V00	0	0	0	0	1	0	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0001V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0002V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0003V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0004V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0006V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0009V00	0	0	0	0	0	1	0	0		0
AABBBBB	CIMS.ZARA018.DSN1.G0013V00	0	0	0	0	0	1	0	0		0
AABBBBB		0	0	0	0	6	7	1	0		0
AABBBCC	CIMS.IMS220.SMP.POSTACPT.D103091	0	1	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.POSTACPT.D103091	1	0	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.POSTAPPLY.D103091	1	0	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.POSTAPPLY.D103091	1	0	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.POSTAPPLY.D103091	0	1	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.PREMAINT	0	1	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.PREMAINT.D102991	0	1	0	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.PREMAINT.D102991	0	1	1	0	0	0	0	0		0
AABBBCC	CIMS.IMS220.SMP.PREMAINT.D102991	0	1	1	0	0	0	0	0		0
AABBBCC	CIMS.SAR.V507.DIST	1	0	0	0	0	0	0	0		0
AABBBCC		4	6	2	0	0	0	0	0		0
TOTALS.....		10	13	4	0	6	7	1	0		0

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR073)

- CIMSTAPE ZARA DETAIL EXCEPTION REPORT BY SYSTEM ID:
- RECORDS PRODUCED BY PROGRAM CIMSTAPE DDNAME CIMSEXOT
 - PROCESSES ZARA EXCEPTION RECORDS
 - SELECTS SYSTEM ID 'ZARA'
 - SORTED BY SYSTEM ID
 - COLUMNS INCLUDE: SYSTEM ID
 DATA SET NAME
 3480 CARTRIDGE TAPES
 3490 CARTRIDGE TAPES
 ROUND TAPES
 UNKNOWN TAPES
 - CONTROL BREAK ON SYSTEM ID
 - DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSEXOT-RECORD
TITLE: 'SPWTR073' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'CIMSTAPE EXCEPTION DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMSEXOT-SYS-ID = 'ZARA')
COLUMNS:
  CIMSEXOT-SYS-ID('SYS|ID')
  CIMSEXOT-ORIG-ACCT-CODE('DATASET NAME')
  CIMSEXOT-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' '3480 CART TAPES')
  CIMSEXOT-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' '3490 CART TAPES')
  CIMSEXOT-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'ROUND TAPES')
  CIMSEXOT-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'UNKNOWN TAPES')
SORT: CIMSEXOT-SYS-ID
BREAK: CIMSEXOT-SYS-ID
      TOTAL(CIMSEXOT-SYS-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```


		CIMS JOB ACCOUNTING SYSTEM				PAGE	1
		CIMSTAPE EXCEPTION DETAIL REPORT					
SYS ID	DATASET NAME	3480 CART TAPES	3490 CART TAPES	ROUND TAPES	UNKNOWN TAPES		
ZARA	CIMS.BKUP.CIC001.G0006V00	1	0	0	0		
ZARA	CIMS.BKUP.CIC001.G0006V00	1	0	0	0		
ZARA	CIMS.BKUP.CON001.G0028V00	1	0	0	0		
ZARA	CIMS.BKUP.CON001.G0028V00	0	0	1	0		
ZARA	CIMS.BKUP.CON002.G0023V00	0	0	1	0		
ZARA	CIMS.BKUP.CON002.G0023V00	0	0	1	0		
ZARA	CIMS.BKUP.DLIBA2.G0021V00	0	0	1	0		
ZARA	CIMS.BKUP.DLIBA2.G0021V00	0	0	1	0		
ZARA	CIMS.BKUP.EON007.G0028V00	0	0	1	0		
ZARA	CIMS.BKUP.EPN001.G0027V00	1	0	0	0		
ZARA	CIMS.BKUP.EPN002.G0027V00	1	0	0	0		
ZARA	CIMS.BKUP.ESARES.G0025V00	1	0	0	0		
ZARA	CIMS.BKUP.ESARES.G0025V00	0	1	0	0		
ZARA	CIMS.BKUP.EWK001.G0027V00	0	1	0	0		
ZARA	CIMS.BKUP.E00PP1.G0027V00	0	1	0	0		
ZARA	CIMS.BKUP.E00PP1.G0027V00	0	1	0	0		
ZARA	CIMS.BKUP.E00PP2.G0025V00	0	1	0	0		
ZARA	CIMS.BKUP.E00PP2.G0025V00	0	1	0	0		
ZARA	CIMS.BKUP.E00PP2.G0025V00	1	0	0	0		
ZARA	CIMS.BKUP.IMS001.G0027V00	1	0	0	0		
ZARA	CIMS.BKUP.LIB003.G0026V00	1	0	0	0		
ZARA	CIMS.BKUP.LIB004.G0027V00	1	0	0	0		
ZARA	CIMS.BKUP.S10SRA.G0022V00	1	0	0	0		
ZARA	CIMS.BKUP.S10SRA.G0022V00	0	1	0	0		
ZARA	CIMS.BKUP.S20SRA.G0028V00	0	1	0	0		
ZARA	CIMS.BKUP.S20SRA.G0028V00	0	1	0	0		
ZARA	CIMS.BKUP.S20SRB.G0003V00	0	1	0	0		
ZARA	CIMS.BKUP.VEDM001.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VEENE20.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VEEP001.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VEEP001.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VEPN001.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VEWK001.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VE00PP1.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VE00PP2.G0001V00	1	0	0	0		
ZARA	CIMS.BKUP.VIMS001.G0001V00	1	0	0	0		
ZARA	CIMS.BKUP.VLIB001.G0001V00	1	0	0	0		
ZARA	CIMS.BKUP.VLIB002.G0001V00	1	0	0	0		
ZARA	CIMS.BKUP.VLIB002.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.VS24SRB.G0001V00	0	1	0	0		
ZARA	CIMS.BKUP.V1E1S1A1.G0001V00	0	1	0	0		
ZARA	CIMS.FDRBKUP.FILESDSN.G0002V00	0	0	1	0		
ZARA	CIMS.FDRBKUP.FILESDSN.G0003V00	0	0	1	0		
ZARA	CIMS.SAR.SARTAPE.T0000006	0	0	1	0		
ZARA		15	20	9	0		
TOTALS.....		15	20	9	0		

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR751)

TMS DETAIL REPORT BY DATASET NAME:

- RECORDS PRODUCED BY CA-1 TAPE MANAGEMENT SYSTEM
- PROCESSES ALL RECORDS
- SORTED BY DATASET NAME
- COLUMNS INCLUDE: DATASET NAME
 VOLUME SERIAL
 CREATE DATE
 EXPIRATION DATE
 LAST USED DATE
 TYPE OF TAPE
 USER DATA
- CONTROL BREAK ON DATASET NAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSTMS-RECORD
TITLE: 'SPWTR751' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'TMS DETAIL REPORT' /
COMPUTE: TMSDSN1 = #SUBSTR(CIMSTMS-TMDSN,1,1)
COMPUTE: VOLSER1 = #SUBSTR(CIMSTMS-TMVOLSER,1,1)
INCLUDEIF: (((TMSDSN1 = X'5B' OR X'7B' OR X'7C') OR
              (TMSDSN1 > X'C0' AND < X'EA')) AND
            (NOT CIMSTMS-TMVOLSER = 'TMSCTL')) AND
            (VOLSER1 > X'EF' AND < X'FA')
COMPUTE: ROUND = WHEN(CIMSTMS-TMTRTCH = X'80')
              ASSIGN(1)
              ELSE
              ASSIGN(0)
COMPUTE: CART-3480 = WHEN(CIMSTMS-TMTRTCH = X'C0')
              ASSIGN(1)
              ELSE
              ASSIGN(0)
COMPUTE: CART-3490 = WHEN(CIMSTMS-TMTRTCH = X'E0')
              ASSIGN(1)
              ELSE
              ASSIGN(0)
COMPUTE: TEMP = WHEN(CIMSTMS-TMTRTCH = X'00')
              ASSIGN(1)
              ELSE
              ASSIGN(0)
COMPUTE: OTHER = WHEN(CIMSTMS-TMTRTCH = X'80' OR X'C0' OR
                       X'E0' OR X'00')
              ASSIGN(0)
              ELSE
              ASSIGN(1)
COMPUTE: USERDATA = #SUBSTR(CIMSTMS-TMUSER,1,8)
COLUMNS:
CIMSTMS-TMDSN('DATASET NAME')
CIMSTMS-TMVOLSER('VOLSER')
CIMSTMS-TMCRDT('CREATE DATE')
CIMSTMS-TMEXPD('EXPIRE DATE')
CIMSTMS-TMLASUD('LAST USED DATE')
ROUND('ROUND TAPES')
CART-3480('3480 TAPES')
CART-3490('3490 TAPES')
TEMP('TEMPORARY TAPES')
OTHER('UNKNOWN TAPES')
USERDATA('USER DATA')
SORT: CIMSTMS-TMDSN
BREAK: #GRAND
TOTAL('TOTALS...')
    
```

CIMS JOB ACCOUNTING SYSTEM					PAGE						
TMS DETAIL REPORT					1						
DATASET NAME	VOLSER	CREATE DATE	EXPIRE DATE	LAST USED DATE	ROUND TAPES	3480 TAPES	3490 TAPES	TEMPORARY TAPES	UNKNOWN TAPES	USER DATA	
BKUP.ADABAS.V5.DB01.PLOG.G1552V00	009328	95069	97081	96069			1				
BKUP.ADABAS.V5.DB01.PLOG.G1553V00	007385	95070	9990000	96070			1				
BKUP.ADABAS.V5.DB01.PLOG.G1554V00	005262	95071	9990000	96071			1				
BKUP.ADABAS.V5.DB01.PLOG.G1555V00	008230	95073	9990000	96073			1				
BKUP.ADABAS.V5.DB01.PLOG.G1556V00	000370	95075	9990000	96075			1				
BKUP.ADABAS.V5.DB01.PLOG.G1557V00	001359	95075	9990000	96075			1				
BKUP.ADABAS.V5.DB01.PLOG.G1558V00	001566	95075	9990000	96075			1				
BKUP.ADABAS.V5.DB01.PLOG.G1559V00	000986	95077	9990000	96077			1				
CIMS.BKUP.MILL.FACT.ML010I.G0965V00	003872	95077	9990000	96077			1				
CIMS.BKUP.MILL.FACT.ML010I.G0966V00	008748	95078	9990000	96078			1				
CIMS.BKUP.MILL.FACT.ML010I.G0967V00	010213	95081	9990000	96081			1				
CIMS.BKUP.M2LL.PRE.M2AUD.G0965V00	009264	95076	9990000	96076			1				
CIMS.BKUP.M2LL.PRE.M2AUD.G0966V00	003788	95077	9990000	96077			1				
CIMS.BKUP.M2LL.PRE.M2AUD.G0967V00	008694	95078	9990000	96078			1				
CIMS.BKUP.M2LL.PRE.M2AUD.G0968V00	010146	95081	9990000	96081			1				
CIMS.BP.MVS.DOS	000011	95028	9990000	96028		1					
COMTRAC.BACKUP.AS020D	000073	95125	9990000	96125		1					
COMTRAC.BACKUP.PA010D	000003	95111	9990000	96118		1					
DIN.TEST.BU.DINVFIL	000082	95011	9990000	96011		1					
DIN.TEST.BU.DINVFIL	000083	95011	9990000	96011		1					
DIN.TEST.YY.DPRDMSTR	000084	95011	9999999	96011		1					
GENL.CG203.JCLBKUP.G0001V00	005045	95117	9990000	96117			1				
GENL.PROD.AFTER.ONBCKUP.G0001V00	005641	95232	9990000	96232			1				
GENL.PROD.ASIGLWK.G0333V00	008001	95070	9990000	96070			1				
GENL.PROD.ASIGLWK.G0334V00	007997	95070	9990000	96070			1				
GENL.PROD.ASIGLWK.G0335V00	005381	95071	9990000	96071			1				
GENL.PROD.ASIGLWK2.G0039V00	002548	95060	9990000	96060			1				
GENL.PROD.ASIGLWK2.G0040V00	006903	95061	9990000	96061			1				
GENL.PROD.BU.AFCNV.CGPRN.G0001V00	005703	95232	9990000	96232			1				
GENL.PROD.BU.AFCNV.CGVAL.G0001V00	005503	95232	9990000	96232			1				
GENL.PROD.BU.AFCNV.MHE.G0001V00	006097	95232	9990000	96232			1				
GENL.PROD.BU.AFCNV.SOURCE.G0001V00	005649	95232	9990000	96232			1				
GENL.PROD.BU.AFTER.HSTFILE.G0001V00	005511	95232	9990000	96232			1				
GENL.PROD.BU.B4CNV.SOURCE.G0001V00	008803	95229	9990000	96229			1				
GENL.PROD.BU.CGEOYPRN.G0001V00	003892	95037	9990000	96037			1				
GENL.PROD.BU.CGEOYVAL.G0001V00	003945	95037	9990000	96037			1				
SAR.SPOOL0.SARTAPE.T0002429	006488	95081	9990000	96081			1				
SAR.SPOOL0.SARTAPE.T0002430	008965	95081	9990000	96081			1				
SYSOUT	000035	95018	97028	96018		1					
SYSOUT	000050	95032	97042	96032		1					
SYSOUT	000043	95025	97035	96025		1					
SYSOUT	000049	95031	97041	96031		1					
SYSOUT	000037	95019	97029	96019		1					
TOTALS...					11	32					

SPWTR752

ZARA Tape Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR752)

ALTAI ZARA TAPE MEDIA MANAGEMENT DETAIL REPORT:

- RECORDS PRODUCED BY ALTAI ZARA TAPE MEDIA SYSTEM
- PROCESSES VOLUME DATASET RECORDS
- SORTED BY RECORD CREATE DATE, VOLUME SERIAL, DATASET NAME
- COLUMNS INCLUDE: CREATE DATE
VOLUME SERIAL NUMBER
DATASET NAME
CREATE JOB NAME
CREATE JOB STEP
EXPIRE DATE
COUNT OF 3480 CARTRIDGE TAPES
COUNT OF 3490 CARTRIDGE TAPES
COUNT OF ROUND TAPES
COUNT OF UNKNOWN TAPES
- CONTROL BREAK ON CREATE DATE; DETAIL REPORT

NOTES ON INCLUDEIF STATEMENT:

ZARA VOLUME AND FILE RECORDS ARE DEFINED AS THOSE RECORDS THAT CONTAIN A 'V' IN THE VOLTYPE FIELD AND A 'NON +' CHARACTER IN THE VOLPRGID FIELD.

AFTER VOLUME AND FILE RECORDS ARE SELECTED, CIMS LAB SELECTS ONLY THOSE RECORDS WITH VALID VOLUME SERIAL NUMBERS, VALID DATA SET NAMES, NON SCRATCH TAPES, NON FILE EXPIRED TAPES, AND VALID EXPIRATION DATE ONLY IF THE FILXFLAG FIELD EQUALS HEX '01'.

FIELD VOLSER1 CONTAINS THE FIRST CHARACTER OF THE VOLUME SERIAL NUMBER. THIS FIELD MUST = A LETTER OR A NUMBER.

FIELD FILDSN1 CONTAINS THE FIRST CHARACTER OF THE DATA SET NAME. THIS FIELD MUST = A LETTER OR A NUMBER.

FIELD VOLFLAG1 CONTAINS THE HEX CHARACTER TO DETERMINE IF A TAPE IS IN SCRATCH STATUS. HEX '20' REPRESENTS SCRATCH TAPE.

FIELD FILFLAG1 CONTAINS THE HEX CHARACTER TO DETERMINE IF A DATA SET HAS EXPIRED. HEX '20' REPRESENTS AN EXPIRED DATA SET.

FIELD FILXFLAG CONTAINS THE HEX CHARACTER TO DETERMINE IF THE VALUE IN FIELD FILDATE-R IS A VALID EXPIRATION DATE. HEX '01' REPRESENTS THE DATE CONTAINED IN EXPIRATION DATE FIELD IS VALID.

(continued...)

(Notes continued...)

FIELD FILDATEX CONTAINS THE EXPIRATION DATE. THIS FIELD HAS BEEN REDEFINED TO FILDATE-R SO THAT THE CENTURY WOULD NOT BE INCLUDED IN THE DATE COMPARE.

FIELD MAKE-CURR-DT1 CONTAINS THE CURRENT SYSTEM DATE. THIS FIELD IS COMPARED AGAINST FILDATE-R TO DETERMINE IF TAPE HAS EXPIRED.

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSZARA-RECORD
COMPUTE: MAKE-CURR-DT0 = #FORMAT(#TODAY,C-YYDDD)
COMPUTE: MAKE-CURR-DT1 = #MAKENUM(MAKE-CURR-DT0)
INCLUDEIF: ((CIMSZARA-VOLTYPE = 'V' AND
NOT CIMSZARA-VOLPRGID = '+') AND
(((CIMSZARA-VOLSER1 > X'C0' AND
CIMSZARA-VOLSER1 < X'FA') AND
(CIMSZARA-FILDSN1 > X'C0' AND
CIMSZARA-FILDSN1 < X'EA')))) AND
NOT CIMSZARA-VOLFLAG1 = X'20' AND
NOT CIMSZARA-FILFLAG1 = X'20' AND
NOT CIMSZARA-FILDATEX = X'00000000' AND
(NOT CIMSZARA-FILXFLAG = X'01' OR
(CIMSZARA-FILXFLAG = X'01' AND
CIMSZARA-FILDATE-R >= MAKE-CURR-DT1))
TITLE: 'SPWTR752' / 'CIMS ALTAI ZARA TAPE MEDIA SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'ZARA BILLING STATISTICS' /
COMPUTE: COUNT-3480 = WHEN(CIMSZARA-VOLDEN = X'01')
ASSIGN(1)
COMPUTE: COUNT-3490 = WHEN(CIMSZARA-VOLDEN = X'02')
ASSIGN(1)
COMPUTE: COUNT-ROUND = WHEN(CIMSZARA-VOLDEN = X'43' OR X'83' OR
X'C3' OR X'D3')
ASSIGN(1)
COMPUTE: COUNT-UNKNOWN = WHEN(NOT CIMSZARA-VOLDEN = X'01' OR X'02' OR
X'43' OR X'83' OR
X'C3' OR X'D3')
ASSIGN(1)
COLUMNS: CIMSZARA-FILDSN('DATASET NAME')
CIMSZARA-VOLSER('VOLUME SERIAL')
CIMSZARA-FILDATEC('CREATE DATE')
CIMSZARA-FILJOBNC('CREATE JOB')
CIMSZARA-FILSTEP('CREATE STEP')
CIMSZARA-FILDATE-R(PIC'99999' 'EXPIRE DATE' NOACCUM)
COUNT-3480(PIC'ZZZ9' '3480 CART TAPES')
COUNT-3490(PIC'ZZZ9' '3490 CART TAPES')
COUNT-ROUND(PIC'ZZZ9' 'ROUND TAPES')
COUNT-UNKNOWN(PIC'ZZZ9' 'UNKN TAPES')
SORT: CIMSZARA-FILDSN
BREAK: #GRAND
TOTAL('TOTALS..')
```

CIMS ALTAI ZARA TAPE MEDIA SYSTEM							PAGE		1	
ZARA BILLING STATISTICS							3480	3490	ROUND	UNKN
DATASET NAME	VOLUME SERIAL	CREATE DATE	CREATE JOB	CREATE STEP	EXPIRE DATE	CART TAPES	CART TAPES	TAPES	TAPES	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T110215	000222	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T110806	000340	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T112038	000341	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T113409	000351	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T114605	000347	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1991350.T115739	000463	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGCOP1.DMSC.C1992241.T141621	000242	08/28/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T110007	000237	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T110710	000238	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T111911	000227	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T113306	000343	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T114500	000356	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1991350.T115636	000466	12/16/95	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.ARCH.MERGPRI1.DMSC.C1992241.T141434	000544	08/28/96	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.FDRBKUP.E00PP1.D042192	000162	04/21/96	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.FDRBKUP.E00PP1.D042192	000641	04/21/96	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.FDRBKUP.E00PP1.D042192	000183	04/21/96	RETROFIT	STEP9999	99000	1	0	0	0	
CIMS.FDRBKUP.E00PP1.D052692	000414	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP1.D052692	000536	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP1.D052692	000445	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP1.D070192	000926	07/01/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP1.D070192	000476	07/01/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP1.D070192	000497	07/01/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP2.D042192	000496	04/21/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP2.D042192	000491	04/21/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP2.D042192	000503	04/21/96	RETROFIT	STEP9999	99000	0	1	0	0	
CIMS.FDRBKUP.E00PP2.D052692	000419	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP2.D052692	000236	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP2.D052692	000819	05/28/96	RETROFIT	STEP9999	99000	0	0	1	0	
CIMS.FDRBKUP.E00PP2.D070192	000071	07/01/96	RETROFIT	STEP9999	99000	0	0	0	1	
CIMS.FDRBKUP.E00PP2.D070192	000936	07/01/96	RETROFIT	STEP9999	99000	0	0	0	1	
CIMS.FDRBKUP.E00PP2.D070192	000072	07/01/96	RETROFIT	STEP9999	99000	0	0	0	1	
CIMS.SYS.BKUP.VMKTG00.G0863V00	014190	02/29/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG00.G0863V00	014306	02/29/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG05.G0518V00	018205	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG06.G0431V00	018299	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG06.G0431V00	018318	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG07.G0184V00	018223	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG07.G0184V00	016895	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG09.G0129V00	015670	04/01/96	MKTM0091	PSTEP010	99005	1	0	0	0	
CIMS.SYS.BKUP.VMKTG10.G0132V00	017626	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG10.G0132V00	016690	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG10.G0132V00	016741	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG11.G0116V00	015082	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG11.G0116V00	015683	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
CIMS.SYS.BKUP.VMKTG11.G0116V00	015684	04/01/96	MKTM0091	PSTEP010	99365	1	0	0	0	
TOTALS..						31	6	6	3	

CIMSUNIV Subsystem Reports Follow

CIMSUNIV

Subsystem Reports

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SPWTR080

Input Record (001) Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR080)

CIMSUNIV DETAIL REPORT BY IDENTIFICATION CODE, SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSUNIN
- PROCESSES RECORD TYPE 001
- SORTED BY SYSTEM ID, IDENTIFICATION CODE
- COLUMNS INCLUDE: SYSTEM ID
IDENTIFICATION CODE
DATA FIELD 01
DATA FIELD 02
DATA FIELD 03
DATA FIELD 04
DATA FIELD 05
- CONTROL BREAK ON IDENTIFICATION CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC001-RECORD
TITLE: 'CIMRC001 ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMRC001 DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC001-REC-TYPE = 001)
COLUMNS:
  CIMRC001-SYSTEM-ID('SYS|ID')
  CIMRC001-IDENTIFICATION('IDENTIFICATION|CODE')
  CIMRC001-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'DATA|FIELD 01')
  CIMRC001-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' 'DATA|FIELD 02')
  CIMRC001-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'DATA|FIELD 03')
  CIMRC001-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'DATA|FIELD 04')
  CIMRC001-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'DATA|FIELD 05')
SORT: CIMRC001-SYSTEM-ID CIMRC001-IDENTIFICATION
BREAK: CIMRC001-IDENTIFICATION
      TOTAL(5 CIMRC001-IDENTIFICATION)
BREAK: CIMRC001-SYSTEM-ID
      TOTAL(CIMRC001-SYSTEM-ID)
BREAK: #GRAND
      NOTOTAL
```


CIMRC001				CIMS JOB ACCOUNTING SYSTEM CIMRC001 DETAIL REPORT			PAGE 1	
SYS ID	IDENTIFICATION CODE			DATA FIELD 01	DATA FIELD 02	DATA FIELD 03	DATA FIELD 04	DATA FIELD 05
CICS	ADYN	DPA5	MROTSTA	1	1	0	0	0
CICS	ADYN	DPA5	MROTSTA	1	2	0	0	0
...
CICS	ADYN	DPA5	MROTSTA	1	2	0	0	0
CICS	ADYN	DPA5	MROTSTA	1	2	0	0	0
CICS	ADYN	DPA5	MROTSTA	1	5	0	0	0
	ADYN	DPA5	MROTSTA	9	19	0	0	0
CICS	BCH2		MROTSTA	1	16	6	0	0
	BCH2		MROTSTA	1	16	6	0	0
CICS	BTCH	DPA5	MROTSTA	1	4	0	0	0
CICS	BTCH	DPA5	MROTSTA	1	8	0	0	0
	BTCH	DPA5	MROTSTA	2	12	0	0	0
CICS	CATD		MROTSTA	1	1	0	0	0
CICS	CATD		MROTSTA	1	3	0	0	0
	CATD		MROTSTA	2	4	0	0	0
CICS	CCMF		MROTSTA	1	0	0	0	0
CICS	CCMF		MROTSTA	1	0	0	0	0
	CCMF		MROTSTA	2	0	0	0	0
CICS				16	51	6	0	0
VTAM	BU00	BU00	TSO	18	9,616	122	0	0
	BU00	BU00	TSO	18	9,616	122	0	0
VTAM	BU01	BU01	JES2	42	28,402	0	0	0
	BU01	BU01	JES2	42	28,402	0	0	0
VTAM	CD01	CD01	JES2	6	13,786	0	0	0
VTAM	CD01	CD01	JES2	7	21,997	0	0	0
VTAM	CD01	CD01	JES2	16	46,460	0	0	0
...
VTAM	CD01	CD01	JES2	57	227,283	0	0	0
VTAM	CD01	CD01	JES2	57	336,695	0	0	0
VTAM	CD01	CD01	JES2	58	366,541	0	0	0
VTAM	CD01	CD01	JES2	62	321,119	0	0	0
	CD01	CD01	JES2	524	2,618,290	0	0	0
VTAM	SG29	SG29	TSO	14	6,055	71	0	0
	SG29	SG29	TSO	14	6,055	71	0	0
VTAM				598	2,662,363	191	0	0

SPWTR081

Output Record (991) Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR081)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
ACCOUNT CODE
DATA FIELD 01
DATA FIELD 02
DATA FIELD 03
DATA FIELD 04
DATA FIELD 05
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC991-RECORD
TITLE: 'CIMSUNIV ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE: #PAGENUM
TITLE: / 'CIMSUNIV DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV')

COLUMNS:
CIMRC991-SYSTEM-ID('SYS|ID')
CIMRC991-ACT1('ACCOUNT|CODE')
CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9.99' 'DATA|FIELD 01')
CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.99' 'DATA|FIELD 02')
CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9.99' 'DATA|FIELD 03')
CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9.99' 'DATA|FIELD 04')
CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9.99' 'DATA|FIELD 05')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      NOTOTAL
```

CIMSUNIV		CIMS JOB ACCOUNTING SYSTEM CIMSUNIV DETAIL REPORT					PAGE 1
SYS ID	ACCOUNT CODE	DATA FIELD 01	DATA FIELD 02	DATA FIELD 03	DATA FIELD 04	DATA FIELD 05	
CICS	AABBB000	1.00	0.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	0.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	1.00	0.00	0.00	0.00	
...	
CICS	AABBB000	1.00	2.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	3.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	4.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	5.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	8.00	0.00	0.00	0.00	
CICS	AABBB000	1.00	16.00	6.00	0.00	0.00	
	AABBB000	14.00	48.00	6.00	0.00	0.00	
CICS	AABBB001	1.00	0.00	0.00	0.00	0.00	
CICS	AABBB001	1.00	1.00	0.00	0.00	0.00	
CICS	AABBB001	1.00	2.00	0.00	0.00	0.00	
CICS	AABBB001	1.00	3.00	0.00	0.00	0.00	
CICS	AABBB001	1.00	9.00	0.00	0.00	0.00	
CICS	AABBB001	1.00	15.00	0.00	0.00	0.00	
	AABBB001	6.00	30.00	0.00	0.00	0.00	
CICS	AABBB002	1.00	1.00	1.00	0.00	0.00	
CICS	AABBB002	1.00	2.00	2.00	0.00	0.00	
CICS	AABBB002	1.00	4.00	1.00	0.00	0.00	
CICS	AABBB002	1.00	156.00	3.00	0.00	0.00	
CICS	AABBB002	1.00	3,308.00	6.00	0.00	0.00	
	AABBB002	5.00	3,471.00	13.00	0.00	0.00	
CICS		25.00	3,549.00	19.00	0.00	0.00	
VTAM	AABBB001	18.00	9,616.00	122.00	0.00	0.00	
VTAM	AABBB001	42.00	28,402.00	0.00	0.00	0.00	
	AABBB001	60.00	38,018.00	122.00	0.00	0.00	
VTAM	AABBB002	1.00	0.00	6.00	0.00	0.00	
VTAM	AABBB002	1.00	3.00	0.00	0.00	0.00	
...	
VTAM	AABBB002	3.00	1,068.00	31.00	0.00	0.00	
VTAM	AABBB002	3.00	1,173.00	12.00	0.00	0.00	
VTAM	AABBB002	3.00	1,196.00	16.00	0.00	0.00	
VTAM	AABBB002	4.00	1,198.00	0.00	0.00	0.00	
VTAM	AABBB002	4.00	1,326.00	0.00	0.00	0.00	
	AABBB002	23.00	6,395.00	65.00	0.00	0.00	
VTAM		83.00	44,413.00	187.00	0.00	0.00	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR082)

CIMSUNIV DETAIL EXCEPTION REPORT BY SYSTEM ID:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSEXOT
- PROCESSES ALL RECORDS
- SORTED BY SYSTEM ID
- COLUMNS INCLUDE: SYSTEM ID

IDENTIFICATION CODE
 DATA FIELD 01
 DATA FIELD 02
 DATA FIELD 03
 DATA FIELD 04
 DATA FIELD 05

- CONTROL BREAK ON SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

INPUT: CIMSEXOT-RECORD
 TITLE: 'CIMSUNIV ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
 PAGE# #PAGENUM
 TITLE: / 'CIMSUNIV EXCEPTION DETAIL REPORT' /
 TITLE: ' '

COLUMNS:

CIMSEXOT-SYS-ID('SYS|ID')
 CIMSEXOT-ORIG-ACCT-CODE('IDENTIFICATION CODE')
 CIMSEXOT-DATA-FIELD01(PIC'ZZZZZZ,ZZ9.99' 'DATA|FIELD 01')
 CIMSEXOT-DATA-FIELD02(PIC'ZZZZZZ,ZZ9.99' 'DATA|FIELD 02')
 CIMSEXOT-DATA-FIELD03(PIC'ZZZZZZ,ZZ9.99' 'DATA|FIELD 03')
 CIMSEXOT-DATA-FIELD04(PIC'ZZZZZZ,ZZ9.99' 'DATA|FIELD 04')
 CIMSEXOT-DATA-FIELD05(PIC'ZZZZZZ,ZZ9.99' 'DATA|FIELD 05')

SORT: CIMSEXOT-SYS-ID
 BREAK: CIMSEXOT-SYS-ID
 TOTAL(CIMSEXOT-SYS-ID)
 BREAK: #GRAND
 NOTOTAL

CIMSUNIV				CIMS JOB ACCOUNTING SYSTEM					PAGE	1
				CIMSUNIV EXCEPTION DETAIL REPORT						
SYS ID	IDENTIFICATION CODE			DATA FIELD 01	DATA FIELD 02	DATA FIELD 03	DATA FIELD 04	DATA FIELD 05		
CICS	LOG3		MROTSTA	1.00	2.00	5.00	0.00	0.00		
CICS	LOG3		MROTSTA	1.00	3.00	5.00	0.00	0.00		
CICS	LOG5		MROTSTA	1.00	3.00	5.00	0.00	0.00		
CICS	LOG6		MROTSTA	1.00	2.00	5.00	0.00	0.00		
CICS	LOG6		MROTSTA	1.00	2.00	5.00	0.00	0.00		
CICS	LOG6		MROTSTA	1.00	2.00	5.00	0.00	0.00		
CICS	LOG6		MROTSTA	1.00	2.00	5.00	0.00	0.00		
...		
CICS	QUR1	DPA5	MROTSTA	1.00	2.00	0.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	2.00	0.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	0.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	1.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	1.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	1.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	2.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	2.00	0.00	0.00		
CICS	QUR1	DPA5	MROTSTA	1.00	3.00	2.00	0.00	0.00		
CICS				19.00	48.00	52.00	0.00	0.00		
VTAM	CH15	CH15	JES2	41.00	4,018.00	0.00	0.00	0.00		
VTAM	CH31	CH31	JES2	21.00	11,418.00	0.00	0.00	0.00		
VTAM	CH33	CH33	TSO	7.00	3,032.00	56.00	0.00	0.00		
VTAM	CH33	CH33	TSO	17.00	11,549.00	340.00	0.00	0.00		
VTAM	CH34	CH34	TSO	9.00	4,123.00	143.00	0.00	0.00		
VTAM	CH34	CH34	TSO	24.00	14,717.00	636.00	0.00	0.00		
VTAM	CH34	CH34	TSO	30.00	18,147.00	887.00	0.00	0.00		
VTAM	CH34	CH34	TSO	33.00	42,218.00	2,420.00	0.00	0.00		
VTAM	CH35	CH35	TSO	2.00	176.00	0.00	0.00	0.00		
...		
VTAM	CH36	CH36	TSO	18.00	21,358.00	198.00	0.00	0.00		
VTAM	CH36	CH36	TSO	19.00	24,702.00	215.00	0.00	0.00		
VTAM	SG24	SG24	TSO	8.00	3,097.00	37.00	0.00	0.00		
VTAM	SG27	SG27	TSO	3.00	1,066.00	29.00	0.00	0.00		
VTAM	SG27	SG27	TSO	3.00	1,066.00	29.00	0.00	0.00		
VTAM	SG27	SG27	TSO	9.00	4,749.00	61.00	0.00	0.00		
VTAM	SG27	SG27	TSO	12.00	9,076.00	92.00	0.00	0.00		
VTAM	SG29	SG29	TSO	14.00	6,055.00	71.00	0.00	0.00		
VTAM	SG31	SG31	JES2	16.00	5,893.00	0.00	0.00	0.00		
VTAM	SG31	SG31	JES2	24.00	10,034.00	0.00	0.00	0.00		
VTAM	SG31	SG31	JES2	57.00	38,104.00	0.00	0.00	0.00		
VTAM	SG31	SG31	JES2	57.00	46,443.00	0.00	0.00	0.00		
VTAM				506.00	319,382.00	5,896.00	0.00	0.00		

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR083)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SELECT SUBSYSTEM ID 'ZADA'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
 ACCOUNT CODE
 NUMBER OF TRANSACTIONS
 CPU TIME
 THREAD TIME
 TOTAL SIOS
 TOTAL DATA TRANSFERRED
 TOTAL DATA SENT
 TOTAL ADABAS CALLS
 TOTAL ADABAS TRANSACTIONS
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSADAB      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'CIMSADAB DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV' AND
            CIMRC991-SYSTEM-ID = 'ZADA')

COLUMNS:
  CIMRC991-SYSTEM-ID('SYS|ID')
  CIMRC991-ACT1('ACCOUNT|CODE')
  CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'NUMBER|OF|TRANSACTIONS')
  CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.99' 'CPU TIME')
  CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9.99' 'THREAD TIME')
  CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'TOTAL SIOS')
  CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'TOTAL|DATA|TRANSFERRED')
  CIMRC991-DATA-FIELD06(PIC'ZZZZ,ZZZ,ZZ9' 'TOTAL|DATA|SENT')
  CIMRC991-DATA-FIELD07(PIC'ZZZZ,ZZZ,ZZ9' 'TOTAL ADABAS|CALLS')
  CIMRC991-DATA-FIELD08(PIC'ZZZZ,ZZZ,ZZ9' 'TOTAL|ADABAS|TRANSACTIONS')

SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

CIMSADAB		CIMS JOB ACCOUNTING SYSTEM CIMSADAB DETAIL REPORT							PAGE	1
SYS ID	ACCOUNT CODE	NUMBER OF TRANSACTIONS	CPU TIME	THREAD TIME	TOTAL SIOS	TOTAL DATA TRANSFERRED	TOTAL DATA SENT	TOTAL ADABAS CALLS	TOTAL ADABAS TRANSACTIONS	
ZADA		0	0.01	0.02	692	26	12	0	0	
ZADA		0	0.01	0.02	710	31	12	0	0	
ZADA		0	0.01	0.02	730	54	12	0	0	
ZADA		0	0.01	0.02	734	35	13	0	0	
ZADA		0	0.01	0.02	746	54	13	0	0	
ZADA		0	0.01	0.02	774	69	15	0	0	
ZADA		0	0.01	0.02	776	28	13	0	0	
ZADA		1	0.11	0.01	790	32	18	0	0	
ZADA		1	0.17	0.01	896	34	18	0	0	
ZADA		1	25.71	0.01	64,512	993	18	0	0	
ZADA		1	34.34	0.01	84,686	835	18	0	0	
ZADA		1	98.71	0.01	259,812	1,739	16	0	0	
ZADA		1	98.72	0.01	247,602	1,726	16	0	0	
ZADA		6	257.83	0.20	663,460	5,656	194	0	0	
ZADA	ADMIN	2	0.19	0.05	2,442	57	20	459	11	
ZADA	ADMIN	3	0.21	0.07	3,238	97	30	861	11	
ZADA	ADMIN	4	0.08	0.04	1,726	36	10	136	2	
ZADA	ADMIN	4	0.30	0.14	5,806	75	16	433	23	
ZADA	ADMIN	4	0.69	0.07	7,978	119	46	1,283	59	
ZADA	ADMIN	5	0.27	0.18	5,740	74	12	451	21	
ZADA	ADMIN	5	2.06	0.29	18,640	231	86	3,527	190	
ZADA	ADMIN	27	3.80	0.84	45,570	689	220	7,150	317	
ZADA	ADMIN45	0	0.75	0.31	14,378	246	120	2,941	57	
ZADA	ADMIN45	1	0.62	0.57	21,958	1,231	341	12,615	36	
ZADA	ADMIN45	1	0.82	0.53	21,130	1,164	470	12,848	62	
ZADA	ADMIN45	1	0.91	0.33	15,642	1,706	502	17,851	77	
ZADA	ADMIN45	2	0.82	0.61	26,278	6,507	1,063	71,785	50	
ZADA	ADMIN45	5	3.92	2.35	99,386	10,854	2,496	118,040	282	
ZADA	SYSCOM	0	0.06	0.05	2,172	149	1	121	1	
ZADA	SYSCOM	1	0.06	0.09	3,396	157	1	1,163	3	
ZADA	SYSCOM	1	0.06	0.09	3,506	105	1	752	2	
ZADA	SYSCOM	1	0.06	0.14	5,288	164	1	1,321	3	
ZADA	SYSCOM	1	0.07	0.09	3,416	128	1	503	3	
..	
..	
ZADA	SYSCOM	6	22.33	49.74	1,837,904	28,831	1	328,866	2,216	
ZADA	SYSCOM	6	36.78	87.22	3,231,858	44,692	1	549,349	3,573	
ZADA	SYSCOM	3,512	2,462.91	5,806.95	219,111,446	3,227,161	7,611	36,940,295	228,931	
ZADA		3,550	2,728.46	5,810.34	219,919,862	3,244,360	10,521	37,065,485	229,530	
TOTALS.....		3,550	2,728.46	5,810.34	219,919,862	3,244,360	10,521	37,065,485	229,530	

SPWTR084

ROSCOE Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR084)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SELECT SUBSYSTEM ID 'ZROS'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
ACCOUNT CODE
TRANSACTION COUNT
CPU TIME
TERMINAL IO
DISK ACCESS
MEMBER COUNT
RECORD COUNT
BLOCK COUNT
NUMBER OF JOBS SUBMITTED
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC991-RECORD
TITLE: 'CIMSROSC ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSROSC DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV' AND
            CIMRC991-SYSTEM-ID = 'ZROS')

COLUMNS:
CIMRC991-SYSTEM-ID('SYS|ID')
CIMRC991-ACT1('ACCOUNT|CODE')
CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'TRANSACTION|COUNT')
CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,9999' 'CPU TIME')
CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'TERMINAL IO')
CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'DISK ACCESS')
CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'MEMBER COUNT')
CIMRC991-DATA-FIELD06(PIC'ZZZZ,ZZZ,ZZ9' 'RECORD COUNT')
CIMRC991-DATA-FIELD07(PIC'ZZZZ,ZZZ,ZZ9' 'BLOCK COUNT')
CIMRC991-DATA-FIELD08(PIC'ZZZZ,ZZZ,ZZ9' 'NUMBER|OF JOBS|SUBMITTED')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```


CIMSROSC		CIMS JOB ACCOUNTING SYSTEM CIMSROSC DETAIL REPORT							PAGE 1
SYS ID	ACCOUNT CODE	TRANSACTION COUNT	CPU TIME	TERMINAL IO	DISK ACCESS	MEMBER COUNT	RECORD COUNT	BLOCK COUNT	NUMBER OF JOBS SUBMITTED
ZROS	ATURNER	1	.0000	27	453	2	13	2	1
	ATURNER	1	.0000	27	453	2	13	2	1
ZROS	BFISKE	3	.0000	195	369	272	41,468	862	3
ZROS	BFISKE	3	.0000	318	392	277	41,516	867	7
	BFISKE	6	.0000	513	761	549	82,984	1,729	10
..
ZROS	BKEE	3	.0001	249	1,401	285	42,273	947	2
ZROS	BKEE	5	.0002	716	2,553	463	67,181	1,522	4
	BKEE	8	.0003	965	3,954	748	109,454	2,469	6
ZROS	BTAYLOR	1	.0020	1,900	26,308	29	6,247	146	100
	BTAYLOR	1	.0020	1,900	26,308	29	6,247	146	100
ZROS	CBAKER	2	.0027	2,179	34,230	52	2,785	78	114
ZROS	CBAKER	4	.0026	1,597	30,224	110	6,392	174	98
	CBAKER	6	.0053	3,776	64,454	162	9,177	252	212
ZROS	CDARK	2	.0000	85	161	107	11,755	255	11
ZROS	CDARK	2	.0000	87	224	111	11,896	260	10
	CDARK	4	.0000	172	385	218	23,651	515	21
ZROS	CFEATHER	1	.0000	14	204	2	50	2	1
ZROS	CFEATHER	1	.0000	19	210	2	50	2	1
ZROS	CFEATHER	1	.0000	33	363	2	50	2	2
ZROS	CFEATHER	3	.0001	60	620	6	150	6	3
	CFEATHER	6	.0001	126	1,397	12	300	12	7
..
ZROS	CSIMMONS	2	.0000	38	349	6	552	18	1
	CSIMMONS	2	.0000	38	349	6	552	18	1
ZROS	WHERBST	2	.0000	118	140	258	19,504	510	9
ZROS	WHERBST	3	.0000	350	297	380	29,133	758	17
	WHERBST	5	.0000	468	437	638	48,637	1,268	26
ZROS		231	.0372	70,422	436,305	20,204	3,002,679	64,179	1,330
TOTALS.....		231	.0372	70,422	436,305	20,204	3,002,679	64,179	1,330

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR085)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SELECT SUBSYSTEM ID 'ZRJE'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
 ACCOUNT CODE
 TRANSACTION COUNT
 DURATION
 INPUT/OUTPUT IO
 NUMBER OF NEGATIVE ACKNOWLEDGEMENTS
 NUMBER OF DATA CHECKS
 NUMBER OF TIME OUTS
 SUM OF ALL OTHER LINE ERRORS
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

TITLE: 'CIMSUNIV      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSUNIV DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
           CIMRC991-JOBNAME = 'CIMSUNIV' AND
           CIMRC991-SYSTEM-ID = 'ZRJE')

COLUMNS:
  CIMRC991-SYSTEM-ID('SYS|ID')
  CIMRC991-ACT1('ACCOUNT|CODE')
  CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'TRANSACTION|COUNT')
  CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.99' 'DURATION')
  CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'INPUT/OUTPUT')
  CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'NEGATIVE|ACK')
  CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'NUMBER OF|DATA CHECKS')
  CIMRC991-DATA-FIELD06(PIC'ZZZZ,ZZZ,ZZ9' 'NUMBER OF|TIME OUTS')
  CIMRC991-DATA-FIELD07(PIC'ZZZZ,ZZZ,ZZ9' 'ALL OTHER|LINE ERRORS')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
       TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
       TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
       TOTAL('TOTALS.....')
    
```

CIMSUNIV		CIMS JOB ACCOUNTING SYSTEM CIMSUNIV DETAIL REPORT						PAGE	1
SYS ID	ACCOUNT CODE	TRANSACTION COUNT	CPU TIME	INPUT/OUTPUT	NEGATIVE ACK	NUMBER OF DATA CHECKS	NUMBER OF TIME OUTS	ALL OTHER LINE ERRORS	
ZRJE	RMT19	1	205.75	67	0	0	0	0	
ZRJE	RMT19	1	205.96	67	0	0	0	0	
ZRJE	RMT19	1	206.37	67	0	0	0	0	
ZRJE	RMT19	1	206.47	67	0	0	0	0	
ZRJE	RMT19	1	206.62	67	0	0	0	0	
ZRJE	RMT19	1	206.62	67	0	0	0	0	
..	
ZRJE	RMT19	1	207.29	67	0	0	0	0	
ZRJE	RMT19	1	207.31	67	0	0	0	0	
ZRJE	RMT19	1	210.91	69	0	0	0	0	
ZRJE	RMT19	1	211.03	69	0	0	0	0	
ZRJE	RMT19	1	211.13	69	0	0	0	0	
ZRJE	RMT19	1	211.13	69	0	0	0	0	
ZRJE	RMT19	1	211.14	69	0	0	0	0	
ZRJE	RMT19	1	211.32	69	0	0	0	0	
ZRJE	RMT19	1	211.50	69	0	0	0	0	
ZRJE	RMT19	1	213.92	71	0	0	0	0	
ZRJE	RMT19	1	214.06	70	0	0	0	0	
ZRJE	RMT19	1	215.00	70	0	0	0	0	
ZRJE	RMT19	1	215.58	71	0	0	0	0	
ZRJE	RMT19	1	222.31	72	0	0	0	0	
ZRJE	RMT19	1	222.33	72	0	0	0	0	
ZRJE	RMT19	1	224.72	72	0	0	0	0	
ZRJE	RMT19	1	225.84	74	0	0	0	0	
ZRJE	RMT19	1	231.30	74	0	0	0	0	
ZRJE	RMT19	1	1,041.22	1,981	0	0	0	0	
	RMT19	62	13,874.95	6,152	0	0	0	0	
ZRJE	RMT99	1	205.89	67	0	0	0	0	
ZRJE	RMT99	1	205.90	67	0	0	0	0	
..	
ZRJE	RMT99	1	275.47	67	0	0	0	0	
ZRJE	RMT99	1	860.95	1,598	0	0	0	0	
	RMT99	61	13,454.60	5,677	0	0	0	0	
ZRJE		313	89,289.41	47,402	1	2	31	44	
TOTALS.....		313	89,289.41	47,402	1	2	31	44	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR086)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SELECT SUBSYSTEM ID 'ZWYL'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
ACCOUNT CODE
TRANSACTION NUMBER
CPU EDITING TIME
NUMBER OF DASD NON-PAGE WRITES
NUMBER OF DASD NON-PAGE READS
NUMBER OF PAGE WRITES
NUMBER OF PAGE READS
NUMBER OF JOBS SUBMITTED
NUMBER OF CONDENSES SUBMITTED
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSWYLB ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CIMSWYLB DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV' AND
            CIMRC991-SYSTEM-ID = 'ZWYL')

COLUMNS:
CIMRC991-SYSTEM-ID('SYS|ID')
CIMRC991-ACT1('ACCOUNT|CODE')
CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'TRANSACTION|NUMBER')
CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.99' 'CPU TIME')
CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'DASD|NON-PAGE|WRITES')
CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'DASD|NON-PAGE|READS')
CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'PAGE|WRITES')
CIMRC991-DATA-FIELD06(PIC'ZZZZ,ZZZ,ZZ9' 'PAGE|READS')
CIMRC991-DATA-FIELD07(PIC'ZZZZ,ZZZ,ZZ9' 'JOBS|SUBMITTED')
CIMRC991-DATA-FIELD08(PIC'ZZZZ,ZZZ,ZZ9' 'CONDENSES|SUBMITTED')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

SPWTR086

WYLBUR Detail Report

CIMSWYLB		CIMS JOB ACCOUNTING SYSTEM CIMSWYLB DETAIL REPORT							PAGE	1
SYS ID	ACCOUNT CODE	TRANSACTION NUMBER	CPU TIME	DASD NON-PAGE WRITES	DASD NON-PAGE READS	PAGE WRITES	PAGE READS	JOBS SUBMITTED	CONDENSES SUBMITTED	
ZWYL	0001X	1	0.63	84	80	192	84	5	1	
	0001X	1	0.63	84	80	192	84	5	1	
ZWYL	0200A	3	0.31	68	89	86	53	0	0	
	0200A	3	0.31	68	89	86	53	0	0	
ZWYL	1104A	7	5.41	7	77	632	411	6	0	
	1104A	7	5.41	7	77	632	411	6	0	
ZWYL	1115A	3	0.31	0	55	94	13	7	0	
	1115A	3	0.31	0	55	94	13	7	0	
ZWYL	1118D	2	0.28	2	51	130	87	2	0	
	1118D	2	0.28	2	51	130	87	2	0	
ZWYL	1125D	1	0.20	1	24	55	34	1	0	
	1125D	1	0.20	1	24	55	34	1	0	
ZWYL	1131D	6	3.08	4	72	821	693	3	0	
	1131D	6	3.08	4	72	821	693	3	0	
ZWYL	1140D	20	114.11	730	3,372	10,144	6,856	62	0	
	1140D	20	114.11	730	3,372	10,144	6,856	62	0	
ZWYL	1163A	1	6.07	489	512	771	1,235	7	0	
	1163A	1	6.07	489	512	771	1,235	7	0	
ZWYL	1200A	8	11.62	130	619	2,559	1,752	15	0	
	1200A	8	11.62	130	619	2,559	1,752	15	0	
...	
ZWYL	6000B	4	23.41	0	69	4,020	800	5	0	
	6000B	4	23.41	0	69	4,020	800	5	0	
ZWYL	6000D	6	26.83	20	520	6,376	11,443	12	0	
	6000D	6	26.83	20	520	6,376	11,443	12	0	
ZWYL		209	632.77	5,416	27,961	105,396	61,818	548	3	
TOTALS.....		209	632.77	5,416	27,961	105,396	61,818	548	3	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR087)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECT JOBNAME 'CIMSUNIV'
- SELECT SUBSYSTEM ID 'ZFAL'
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
ACCOUNT CODE
TRANSACTION COUNT
CPU TIME
DISK ACCESS
TERMINAL IO
BLOCK COUNT
RECORD COUNT
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMS FALC      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'CIMS FALC DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV' AND
            CIMRC991-SYSTEM-ID = 'ZFAL')

COLUMNS:
CIMRC991-SYSTEM-ID('SYS|ID')
CIMRC991-ACT1('ACCOUNT|CODE')
CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'TRANSACTION|COUNT')
CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9' 'CPU TIME')
CIMRC991-DATA-FIELD03(PIC'ZZZZ,ZZZ,ZZ9' 'DISK ACCESS')
CIMRC991-DATA-FIELD04(PIC'ZZZZ,ZZZ,ZZ9' 'TERMINAL IO')
CIMRC991-DATA-FIELD05(PIC'ZZZZ,ZZZ,ZZ9' 'BLOCK COUNT')
CIMRC991-DATA-FIELD06(PIC'ZZZZ,ZZZ,ZZ9' 'RECORD COUNT')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(5 CIMRC991-ACT1)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

CIMS FALC			CIMS JOB ACCOUNTING SYSTEM CIMS FALC DETAIL REPORT				PAGE 1	
SYS ID	ACCOUNT CODE	TRANSACTION COUNT	CPU TIME	DISK ACCESS	TERMINAL IO	BLOCK COUNT	RECORD COUNT	
ZFAL	AFURGUR	1	0	46	11	1	8	
ZFAL	AFURGUR	1	0	52	16	1	7	
ZFAL	AFURGUR	1	0	81	140	3	94	
ZFAL	AFURGUR	1	0	82	172	3	106	
..	
ZFAL	AFURGUR	1	0	91	176	3	84	
ZFAL	AFURGUR	1	0	92	81	2	64	
ZFAL	AFURGUR	1	0	105	237	4	142	
ZFAL	AFURGUR	1	0	106	37	3	83	
ZFAL	AFURGUR	1	0	118	163	3	114	
ZFAL	AFURGUR	1	0	201	3	0	0	
ZFAL	AFURGUR	26	0	2,116	2,622	61	1,741	
ZFAL	BREEVES	1	0	66	49	1	31	
ZFAL	BREEVES	1	0	81	45	1	31	
ZFAL	BREEVES	2	0	147	94	2	62	
ZFAL	BTAYLOR	1	0	17	7	0	0	
ZFAL	BTAYLOR	1	0	25	5	0	0	
ZFAL	BTAYLOR	1	0	26	3	0	0	
ZFAL	BTAYLOR	1	0	26	5	0	0	
..	
..	
ZFAL	BTAYLOR	1	0	26	5	0	0	
ZFAL	BTAYLOR	1	0	148	41	11	401	
ZFAL	BTAYLOR	1	0	149	125	11	400	
ZFAL	BTAYLOR	43	0	2,383	692	46	1,025	
..	
..	
ZFAL	WCLARK1	1	0	46	4	1	1	
ZFAL	WCLARK1	1	0	50	4	1	1	
ZFAL	WCLARK1	1	0	52	10	1	5	
ZFAL	WCLARK1	1	0	78	6	1	1	
ZFAL	WCLARK1	1	0	136	12	1	0	
ZFAL	WCLARK1	1	0	296	91	2	54	
ZFAL	WCLARK1	6	0	658	127	7	62	
ZFAL		266	0	30,062	12,750	996	33,189	
TOTALS.....		266	0	30,062	12,750	996	33,189	

SPWTR088

IDMS Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR088)

CIMSIDMS SMF IDMS DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSUN02 DDNAME CIMSACCT
- PROCESSES RECORD TYPE 991
- SELECTS JOBNAME 'CIMSUN02'
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
RECORD COUNT
TERMINAL READS
TERMINAL WRITES
USER MODE TIME
SYSTEM MODE TIME
PAGES READ
PAGES WRITTEN
PAGES REQUESTED
DATA BASE CALLS
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC991-RECORD
TITLE: 'CIMSUN02 ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'SMF IDMS DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUN02')

COLUMNS:
  CIMRC991-ACCT-CODE(16 'ACCOUNT CODE')
  CIMRC991-DATA-FIELD01(PIC'ZZZZZZZZ9' 'RECORD|COUNT')
  CIMRC991-DATA-FIELD02(PIC'ZZZZZZZZ9' 'TERMINAL|READS')
  CIMRC991-DATA-FIELD03(PIC'ZZZZZZZZ9' 'TERMINAL|WRITES')
  CIMRC991-DATA-FIELD04(PIC'ZZZZZZZZ9.9999' 'USER MODE|TIME')
  CIMRC991-DATA-FIELD05(PIC'ZZZZZZZZ9.9999' 'SYS MODE|TIME')
  CIMRC991-DATA-FIELD06(PIC'ZZZZZZZZ9' 'PAGES|READ')
  CIMRC991-DATA-FIELD07(PIC'ZZZZZZZZ9' 'PAGES|WRITTEN')
  CIMRC991-DATA-FIELD08(PIC'ZZZZZZZZ9' 'PAGES|REQUESTED')
  CIMRC991-DATA-FIELD09(PIC'ZZZZZZZZ9' 'DATA BASE|CALLS')

SORT: CIMRC991-ACT1
BREAK: CIMRC991-ACT1
      TOTAL(CIMRC991-ACT1)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```


CIMSUN02		CIMS JOB ACCOUNTING SYSTEM SMF IDMS DETAIL REPORT								PAGE 1
ACCOUNT CODE	RECORD COUNT	TERMINAL READS	TERMINAL WRITES	USER MODE TIME	SYS MODE TIME	PAGES READ	PAGES WRITTEN	PAGES REQUESTED	DATA BASE CALLS	
AABBB000	1	0	0	0.0000	1.3414	43	27	15	45	
AABBB000	1	0	0	0.0000	1.5671	50	0	104	258	
AABBB000	1	0	0	0.0000	1.1172	27	27	0	0	
AABBB000	1	0	0	0.0000	0.0029	0	0	0	5	
AABBB000	1	0	0	0.0000	0.0036	0	0	0	5	
AABBB000	1	0	0	0.0000	0.0026	0	0	0	5	
AABBB000	1	0	0	0.0000	0.0036	0	0	0	5	
AABBB000	1	0	0	0.0000	0.0052	0	0	0	5	
....	
....	
AABBB000	1	0	0	0.0000	0.0037	0	0	0	5	
AABBB000	1	0	0	0.0000	0.0360	0	0	0	3	
AABBB000	1	0	0	0.0000	0.0040	0	0	0	5	
AABBB000	1	1	1	0.0000	0.0078	0	2	24	42	
AABBB000	1	1	2	0.0000	0.0015	0	0	0	0	
AABBB000	1	1	2	0.0000	0.0012	0	0	0	0	
AABBB000	1	54	54	0.0005	0.1174	80	0	50	51	
AABBB000	1	108	0	0.0000	1.8809	50	0	104	258	
AABBB000	1	3352	3352	0.0003	3.1700	752	32	2301	3348	
AABBB000	51	3524	3421	0.0202	12.8642	5110	100	4895	4735	
AABBB000	1	0	0	0.0000	0.0015	0	0	0	0	
AABBB000	1	0	0	0.0000	0.0010	0	0	0	0	
AABBB000	1	0	0	0.0000	0.0014	0	0	0	0	
AABBB000	1	0	0	0.0000	0.0013	0	0	0	0	
AABBB000	1	0	0	0.0002	0.0174	2	0	3	9	
AABBB000	1	0	0	0.0003	0.0168	0	0	3	12	
....	
....	
AABBB001	1	0	0	0.0003	0.0070	0	0	0	0	
AABBB001	1	0	0	0.0003	0.0070	0	0	0	0	
AABBB001	1	1	1	0.0018	0.0178	0	0	27	44	
AABBB001	1	12	12	0.0003	0.0518	8	0	4	9	
AABBB001	1	19	19	0.0499	0.0514	6	0	3	14	
AABBB001	1	140	140	0.3878	0.5888	42	0	24	134	
AABBB001	176	217	313	1.2922	6.9277	1862	163	4937	8050	
TOTALS.....	227	3741	3734	1.3124	19.7919	6972	263	9832	12785	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR089)

CIMSUNIV DETAIL REPORT BY SYSTEM ID, ACCOUNT CODE:
 - RECORDS PRODUCED BY PROGRAM CIMSUNIV DDNAME CIMSACCT
 - PROCESSES RECORD TYPE 991
 - SELECT JOBNAME 'CIMSUNIV'
 - SELECT SUBSYSTEM ID 'ZCAV'
 - SORTED BY SYSTEM ID, ACCOUNT CODE
 - COLUMNS INCLUDE: SYSTEM ID
 ACCOUNT CODE
 NUMBER OF SESSIONS
 SESSION ELAPSED TIME
 - CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID
 - DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC991-RECORD
TITLE: 'CIMSUNIV ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CA-VMAN DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC991-REC-TYPE = 991 AND
            CIMRC991-JOBNAME = 'CIMSUNIV' AND
            CIMRC991-SYSTEM-ID = 'ZCAV')

COLUMNS:
    CIMRC991-SYSTEM-ID('SYSTEM ID')
    CIMRC991-ACCT-CODE('ACCOUNT CODE')
    CIMRC991-DATA-FIELD01(PIC'ZZZZ,ZZZ,ZZ9' 'NUMBER OF|SESSIONS')
    CIMRC991-DATA-FIELD02(PIC'ZZZZ,ZZZ,ZZ9.99' 'SESSION ELAPSED|TIME')
SORT: CIMRC991-SYSTEM-ID CIMRC991-ACCT-CODE
BREAK: CIMRC991-ACCT-CODE
      TOTAL(10 CIMRC991-ACCT-CODE)
BREAK: CIMRC991-SYSTEM-ID
      TOTAL(CIMRC991-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMSUNIV		CIMS JOB ACCOUNTING SYSTEM		PAGE	1
		CA-VMAN DETAIL REPORT			
SYSTEM ID	ACCOUNT CODE	NUMBER OF SESSIONS	SESSION ELAPSED TIME		
ZCAV	ABRADLE	1	28,850.10		
ZCAV	ABRADLE	1	28,860.17		
ZCAV	ABRADLE	1	44,012.28		
ZCAV	ABRADLE	1	44,376.49		
	ABRADLE	4	146,099.04		
ZCAV	ACHAMPIO	1	13,555.50		
ZCAV	ACHAMPIO	1	13,555.51		
	ACHAMPIO	2	27,111.01		
ZCAV	AFADHLI	1	340.71		
	AFADHLI	1	340.71		
ZCAV	AFURGUR	1	966.20		
ZCAV	AFURGUR	1	5,031.69		
ZCAV	AFURGUR	1	5,832.22		
	AFURGUR	3	11,830.11		
ZCAV	AKUHLMA	1	359.78		
ZCAV	AKUHLMA	1	22,936.95		
ZCAV	AKUHLMA	1	23,342.95		
ZCAV	AKUHLMA	1	36,776.29		
ZCAV	AKUHLMA	1	41,044.79		
ZCAV	AKUHLMA	1	44,644.79		
ZCAV	AKUHLMA	1	44,696.78		
ZCAV	AKUHLMA	1	48,846.95		
	AKUHLMA	8	262,649.28		
..		
..		
..		
ZCAV	YOLLIE	1	11,291.66		
ZCAV	YOLLIE	1	11,291.66		
ZCAV	YOLLIE	1	30,551.30		
ZCAV	YOLLIE	1	30,551.30		
	YOLLIE	16	126,869.30		
ZCAV		1,860	32,187,546.94		
TOTALS.....		1,860	32,187,546.94		

Cost Analysis Reports Follow

Cost Analysis Reports

SPWTR090 ACCOUNT CODE USAGE REPORT USING CIMS RESOURCE FILE..... 152
SPWTR091 ACCOUNT CODE USAGE REPORT WRITTEN TO LOTUS FILE 154
SPWTR092 CIMS RESOURCE FILE WRITTEN TO PC FILE FORMAT 156

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR090)

ACCOUNT CODE SUMMARY REPORT:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
 DESCRIPTION LINE1
 MVS CPU MINUTES
 DISK SIOS
 TAPE SIOS
 LINES PRINTED LOCAL
 LINES PRINTED REMOTE
 TAPE MOUNTS
- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE FILE HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE RESOURCE FILE.
- CONTROL BREAK ON GRAND TOTAL
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSRESC-RECORD
INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'
TITLE: 'RESOURCE REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'ACCOUNT CODE USAGE REPORT' /
TITLE: ' '
COLUMNS:
CIMSRESC-ACCT-CODE1('ACCOUNT')
CIMSRESC-INV-DESC1(18 'DESCRIPTION')
CIMSRESC-INV-RES-UNIT003(PIC'ZZZ,ZZZ,ZZ9.99' 'MVS|MINUTES')
CIMSRESC-INV-RES-UNIT014(PIC'ZZZ,ZZZ,ZZ9' 'DISK|SIOS')
CIMSRESC-INV-RES-UNIT015(PIC'ZZZ,ZZZ,ZZ9' 'TAPE|SIOS')
CIMSRESC-INV-RES-UNIT026(PIC'ZZZ,ZZZ,ZZ9' 'LINES|PRINTED LOCAL')
CIMSRESC-INV-RES-UNIT027(PIC'ZZZ,ZZZ,ZZ9' 'LINES|PRINTED REMOTE')
CIMSRESC-INV-RES-UNIT033(PIC'ZZZ,ZZZ,ZZ9' 'TAPE|MOUNTS')
SORT: CIMSRESC-ACCT-CODE1
BREAK: #GRAND
TOTAL('RUN TOTALS...')
    
```

RESOURCE REPORT		CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE USAGE REPORT				PAGE 1	
ACCOUNT	DESCRIPTION	MVS MINUTES	DISK SIOS	TAPE SIOS	LINES PRINTED LOCAL	LINES PRINTED REMOTE	TAPE MOUNTS
AABBB001	AAB COMPUTER ACTG	0.01	3	0	0	0	0
AABBB002	AAB COMPUTER AP	2.06	27,455	0	1,120	0	0
AABBB003	AAB COMPUTER AR	1.43	16,765	4,249	0	4,885	2
AABBB004	AAB COMPUTER DIST	0.78	3,657	0	859	0	0
AABBB005	AAB COMPUTER MFG	1.16	11,283	5,093	0	3,473	3
AABBB006	AAB COMPUTER MKT	3.56	35,443	9,859	3,405	0	4
AABBB007	AAB COMPUTER PAY	5.51	46,885	11,394	6,007	0	4
AABBB008	AAB COMPUTER PUR	3.96	36,457	8,947	4,608	0	2
AACCC001	AAC MOVING AP	0.87	5,376	0	1,339	0	0
AACCC002	AAC MOVING AR	1.61	13,182	3,509	0	2,883	2
AACCC003	AAC MOVING CUST	5.15	45,688	13,419	599	0	2
AACCC004	AAC MOVING FIN	0.39	18,199	0	698	0	0
AACCC005	AAC MOVING HR	6.93	34,375	7,849	0	5,669	3
AACCC006	AAC MOVING MIS	11.63	424,458	125,582	73,248	0	22
AACCC007	AAC MOVING MKT	2.40	37,554	6,948	5,038	0	1
AACCC008	AAC MOVING PAY	4.57	33,544	5,005	3,444	0	1
AACCC009	AAC MOVING STO	1.03	15,766	4,118	0	1,394	3
RUN TOTALS....		53.05	806,090	205,972	100,365	18,304	49

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR091)

LOTUS PC FILE CREATION:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- NO SORT IS PERFORMED
- COLUMNS INCLUDE: ACCOUNT CODE
 DESCRIPTION LINE1
 MVS CPU MINUTES
 DISK SIOS
 TAPE SIOS
 LINES PRINTED LOCAL
 LINES PRINTED REMOTE
 TAPE MOUNTS
- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE FILE HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE RESOURCE FILE.
- NO CONTROL BREAKS
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(LOTUS) NOCOLHDG
INPUT: CIMSRESC-RECORD
INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'
COLUMNS: CIMSRESC-ACCT-CODE1('ACCOUNT CODE')
           CIMSRESC-CNTL-TOTAL('CONTROL TOTAL')
           CIMSRESC-INV-DESC1(18 'ACCOUNT CODE DESCRIPTION')
           CIMSRESC-INV-RES-UNIT003('MVS CPU MINUTES')
           CIMSRESC-INV-RES-UNIT014('DISK SIO"S')
           CIMSRESC-INV-RES-UNIT015('TAPE SIO"S')
           CIMSRESC-INV-RES-UNIT026('LINES PRINTED - LOCAL')
           CIMSRESC-INV-RES-UNIT027('LINES PRINTED - REMOTE')
           CIMSRESC-INV-RES-UNIT037('TAPE MOUNTS')
    
```


**SPWTR091
CREATES A FILE FOR DOWNLOADING TO LOTUS 1-2-3.**

SELECTED FIELDS FROM THE CIMS RESOURCE FILE ARE WRITTEN TO A LOTUS 1-2-3 FILE.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- **LOTUS**
- **DBASE**
- **RBASE**
- **EXCEL**
- **HARVARD**
- **PARADOX**
- **PC**
- **MAINFRAME**

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR092)

PC FILE CREATION:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- NO SORT IS PERFORMED
- ALL COLUMNS ARE INCLUDED FROM THE CIMSRESC FILE
- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE FILE HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE RESOURCE FILE.
- NO CONTROL BREAKS
- PC FILE FORMAT

REPORT WRITER CONTROL STATEMENTS

OPTION: OUTPUT(PC)
 INPUT: CIMSRESC-RECORD
 COLUMNS: CIMSRESC-ACCT-CODE
 CIMSRESC-INC-FMDATE
 CIMSRESC-INV-TODATE
 CIMSRESC-CNTL-TOTAL
 CIMSRESC-ALT-ACCT-CODE
 CIMSRESC-ACTION-CODE1
 CIMSRESC-ACTION-CODE2
 CIMSRESC-ACTION-CODE3
 CIMSRESC-ACTION-CODE4
 CIMSRESC-ACTION-CODE5
 CIMSRESC-ACTION-CODE6
 CIMSRESC-ACTION-CODE7
 CIMSRESC-ACTION-CODE8
 CIMSRESC-JOBNAME
 CIMSRESC-USER-ID
 CIMSRESC-SYSTEM-ID
 CIMSRESC-USER-DATA
 CIMSRESC-RATE-TABLE
 CIMSRESC-INV-NUMBER
 CIMSRESC-INV-DESC1
 CIMSRESC-INV-DESC2
 CIMSRESC-INV-DESC3

(continued...)

(Control Statements continued...)

CIMSRESC-INV-DESC4
 CIMSRESC-INV-DESC5
 CIMSRESC-CYEAR-BUD
 CIMSRESC-CYEAR-ACT
 CIMSRESC-PYEAR-BUD
 CIMSRESC-PYEAR-ACT
 CIMSRESC-INV-TOTAL
 CIMSRESC-NUM-OF-SEGS
 CIMSRESC-NUM-OF-RECS
 CIMSRESC-THIS-REC-NUM
 CIMSRESC-FILLER1
 CIMSRESC-FILLER2
 CIMSRESC-INV-PRT-NDX001
 CIMSRESC-INV-RATE-CODE001
 CIMSRESC-INV-RATE-DESC001
 CIMSRESC-INV-RATE-VAL001
 CIMSRESC-INV-RES-UNIT001
 CIMSRESC-INV-MONEY001
 CIMSRESC-INV-DISCOUNT001
 CIMSRESC-INV-CNTL-VAL001
 CIMSRESC-INV-FILLER001
 CIMSRESC-INV-PRT-NDX002
 CIMSRESC-INV-RATE-CODE002
 CIMSRESC-INV-RATE-DESC002
 CIMSRESC-INV-RATE-VAL002
 CIMSRESC-INV-RES-UNIT002
 CIMSRESC-INV-MONEY002
 CIMSRESC-INV-DISCOUNT002
 CIMSRESC-INV-CNTL-VAL002
 CIMSRESC-INV-FILLER002

 CIMSRESC-INV-PRT-NDX100
 CIMSRESC-INV-RATE-CODE100
 CIMSRESC-INV-RATE-DESC100
 CIMSRESC-INV-RATE-VAL100
 CIMSRESC-INV-RES-UNIT100
 CIMSRESC-INV-MONEY100
 CIMSRESC-INV-DISCOUNT100
 CIMSRESC-INV-CNTL-VAL100
 CIMSRESC-INV-FILLER100

SPWTR092
WRITES THE ENTIRE CIMS RESOURCE FILE TO A PC FILE

USERS SHOULD CUSTOMIZE THIS REPORT SO THAT ONLY SELECTED FIELDS FROM THE CIMS RESOURCE FILE ARE WRITTEN.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- **LOTUS**
- **DBASE**
- **RBASE**
- **EXCEL**
- **HARVARD**
- **PARADOX**
- **PC**
- **MAINFRAME**

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

Additional Reports Follow

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SPWTR030

Year to Date Account Code Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR030)

ACCOUNT CODE INVOICE REPORT BY COST CENTER:

- RECORDS PRODUCED BY PROGRAM CIMSBILL DDNAME CIMSSUM
- PROCESSES ALL RECORDS
- SELECTS ALL RATE CODES EXCEPT 'ZTOT'
- SORTED BY JOBNAME, ACCOUNT CODE, RATE CODE
- COLUMNS INCLUDE: RATE CODE
 RATE DESCRIPTION
 RESOURCE UNITS
 RATE VALUE
 MONEY VALUE
- CONTROL BREAK ON RATE CODE, ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSSUMM-RECORD
TITLE: / 'CIMS JOB ACCOUNTING SYSTEM' /
TITLE: / 'YEAR TO DATE ACCOUNT CODE REPORT FOR' CIMSSUMM-ACCOUNT-CODE /
TITLE: ' '
INCLUDEIF: (NOT CIMSSUMM-RATE-CD1 = 'ZTOT')
COLUMNS: CIMSSUMM-RATE-CODE('RATE CODE')
           CIMSSUMM-DESC('DESCRIPTION')
           CIMSSUMM-RESOURCE-UNITS('TOTAL')
           CIMSSUMM-RATE-VALUE('RATE')
           CIMSSUMM-MONEY-VALUE('CHARGE')
SORT: CIMSSUMM-ACCOUNT-CODE(PAGE) CIMSSUMM-RATE-CODE
BREAK: CIMSSUMM-RATE-CODE
      NOTOTAL
      FOOTING(CIMSSUMM-RATE-CODE
              87 CIMSSUMM-MONEY-VALUE(TOTAL))
BREAK: CIMSSUMM-ACCOUNT-CODE
      NOTOTAL
      FOOTING(66 'ACCOUNT TOTAL           $ '
              CIMSSUMM-MONEY-VALUE(TOTAL))
BREAK: #GRAND NOTOTAL
```


CIMS JOB ACCOUNTING SYSTEM YEAR TO DATE ACCOUNT CODE REPORT FOR ACCOUNT CODE AABBECC				
RATE CODE	DESCRIPTION	TOTAL	RATE	CHARGE
STD STD	STANDARD FORMS	63.00000	0.0150000	0.95 0.95
ZZ04 ZZ04	TSO CONNECT MINUTES	333.97800	0.2500000	83.49 83.49
ZZ05 ZZ05	TAPE MOUNTS	22.00000	0.0000000	0.00 0.00
ZZ06 ZZ06	DISK DATA SETS	1,785.00000	0.2500000	446.25 446.25
Z001 Z001	JOBS PROCESSED	86.00000	2.5000000	215.00 215.00
Z002 Z002	STEPS PROCESSED	460.00000	0.5000000	230.00 230.00
Z003 Z003	MVS CPU MINUTES	11.63400	20.0000000	232.69 232.69
Z005 Z005	TOTAL SIO'S	590,496.00000	0.0000000	0.00 0.00
Z006 Z006	DISK SIO'S	464,914.00000	0.2500000	116.22 116.22
Z007 Z007	TAPE SIO'S	125,582.00000	0.3500000	43.95 43.95
Z009 Z009	3380 SIO'S	464,914.00000	0.0000000	0.00 0.00
Z011 Z011	3480 SIO'S	125,582.00000	0.0000000	0.00 0.00
Z013 Z013	VIRTUAL SIO'S	264.00000	0.0000000	0.00 0.00
Z014 Z014	INPUT RECORDS	1,082.00000	1.0000000	1.09 1.09
Z016 Z016	LINE PRINTED - LOCAL	73,946.00000	1.0000000	73.95 73.95
Z017 Z017	PAGES PRINTED	2,145.00000	0.0000000	0.00 0.00
Z018 Z018	PRINT TIME (MINUTES)	55.71000	0.0000000	0.00 0.00
Z020 Z020	TSO CPU MINUTES	2.97083	25.0000000	74.27 74.27
Z021 Z021	TSO INPUT'S	1,415.00000	2.0000000	2.83 2.83
Z022 Z022	TSO OUTPUT'S	1,808.00000	1.0000000	1.81 1.81
		ACCOUNT TOTAL	\$	1,522.50

REPORT DESCRIPTION

The control statements for this report are found in member:
 CIMS.REPTLIB(SPWTR040)

ACCOUNT CODE EXTERNAL RECORDS REPORT BY RATE CODE, ACCOUNT CODE:
 - RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
 - PROCESSES RECORD TYPE 999
 - SORTED BY JOBNAME, ACCOUNT CODE, RATE CODE
 - COLUMNS INCLUDE: ACCOUNT CODE
 RATE CODE
 HIGH DATE RANGE
 LOW DATE RANGE
 RESOURCE VALUE
 AUDIT CODE
 RATE DESCRIPTION
 - CONTROL BREAK ON ACCOUNT CODE, RATE CODE
 - DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC999-RECORD
TITLE: 'CIMRC999' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'EXTERNAL TRANSACTION REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC999-REC-TYPE = 999)
COMPUTE: DESCRIPTION =
    WHEN(CIMRC999-RATE-CODE = 'Z001' )
    ASSIGN('JOBS PROCESSED')
    WHEN(CIMRC999-RATE-CODE = 'Z002' )
    ASSIGN('STEPS PROCESSED')
    WHEN(CIMRC999-RATE-CODE = 'Z003' )
    ASSIGN('MVS CPU MINUTES')
    WHEN(CIMRC999-RATE-CODE = 'Z004' )
    ASSIGN('MVS RESOURCE MINUTES')
    WHEN(CIMRC999-RATE-CODE = 'Z005' )
    ASSIGN('TOTAL SIO,S')
    WHEN(CIMRC999-RATE-CODE = 'Z006' )
    ASSIGN('TAPE SIO,S')
    WHEN(CIMRC999-RATE-CODE = 'Z007' )
    ASSIGN('DISK SIO,S')
    WHEN(CIMRC999-RATE-CODE = 'Z020' )
    ASSIGN('TSO CPU MINUTES')
    WHEN(CIMRC999-RATE-CODE = 'ZVSECPUT')
    ASSIGN('VSE CPU MINUTES')
    WHEN(CIMRC999-RATE-CODE = 'ZVSERESC')
    ASSIGN('VSE RESOURCE MINUTES')
    ELSE
    ASSIGN(CIMRC999-RATE-CODE)
COLUMNS:
    CIMRC999-ACT1('ACCOUNT|CODE')
    CIMRC999-RATE-CODE('RATE CODE')
    CIMRC999-HIGH-DATE-RANGE('FROM DATE|YMMDD')
    CIMRC999-LOW-DATE-RANGE('TO DATE|YMMDD')
    CIMRC999-RESOURCE-VALUE(PIC'ZZZZ,ZZZ,ZZ9' 'UNITS')
    CIMRC999-AUDIT-CNTL-DATA('AUDIT|CODE')
    DESCRIPTION('DESCRIPTION')
SORT: CIMRC999-ACT1 CIMRC999-RATE-CODE
BREAK: CIMRC999-RATE-CODE
    TOTAL(9 CIMRC999-RATE-CODE)
BREAK: CIMRC999-ACT1
    TOTAL(CIMRC999-ACT1)
BREAK: #GRAND
    TOTAL('TOTALS.....')
    
```

CIMRC999		CIMS JOB ACCOUNTING SYSTEM			PAGE 1		
		EXTERNAL TRANSACTION REPORT					
ACCOUNT CODE	RATE CODE	FROM DATE YYMMDD	TO DATE YYMMDD	UNITS	AUDIT CODE	DESCRIPTION	
AABB0001	ZZZ1	960304	960304	1,500	R9602001	PC CHARGES	
	ZZZ1			1,500			
AABB0001				1,500			
AABB0002	ZZZ3	960304	960304	100	R9601001	PHONE CHARGES	
AABB0002	ZZZ3	960304	960304	150	R9602001	PHONE CHARGES	
	ZZZ3			250			
AABB0002				250			
AABB0003	ZZZ4	960304	960304	200	R9601001	ADMIN CHARGES	
	ZZZ4			200			
AABB0003				200			
TOTALS.....				1,950			

SPWTR093

Mainframe File Creation

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR093)

MAINFRAME FILE CREATION:

```
- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- FORMATS ALL DATE FIELDS AS PACKED YYDDD
- FORMATS ALL TIME FIELDS AS DISPLAY HHMMSS.SSSSS
- PROCESSES RECORD TYPE 6 AND 30; MAINFRAME RECORD FORMAT
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY ACCOUNT CODE, JOB NAME, JOB START DATE/TIME
- FIELDS EXTRACTED INCLUDE:
  ACCOUNT CODE      JOB NAME      JOB START DATE
  JOB START TIME    SYSTEM ID      SMF30WID
  TCB CPU TIME      SRB CPU TIME    ITCB CPU TIME
  ISRB CPU TIME     TOTAL CPU TIME   DISK SIOS
  TAPE SIOS         TOTAL SIOS      PAGES PRINTED
  LINES PRINTED
- CONTROL BREAK ON ACCOUNT CODE, JOB NAME, JOB START
DATE/TIME
```

REPORT WRITER CONTROL STATEMENTS

```
OPTIONS: OUTPUT(MAINFRAME)
         FORMAT(PACKED P-YYDDD HHMMSS)
         COLSPACE(0)
         SUMMARY
```

INPUT: CIMRC030-RECORD

```
INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
            (CIMRC030-REC-TYPE = 30 AND
             CIMRC030-SMF30STP = 4 AND
             CIMRC030-DELETE-CODE = ' '))
```

```
COMPUTE: JOB-START-DATE = #FORMAT(CIMRC030-JOB-START-DATE)
```

```
COMPUTE: JOB-START-TIME = #FORMAT(CIMRC030-JOB-START-TIME)
```

```
COMPUTE: SORT-SEQ = CIMRC030-ACT1 +
                  CIMRC030-JOBNAME +
                  JOB-START-DATE +
                  JOB-START-TIME
```

```
COMPUTE: LINES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
                          ASSIGN(CIMRC030-LINES-PRINTED)
                          ELSE
                          ASSIGN(0)
```

```
COMPUTE: PAGES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
                          ASSIGN(CIMRC030-PAGES-PRINTED)
                          ELSE
                          ASSIGN(0)
```

```
COMPUTE: TCB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-STEP-TCBCPU-TIME)
                        ELSE
                        ASSIGN(0)
```

```
COMPUTE: SRB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-STEP-SRBCPU-TIME)
                        ELSE
                        ASSIGN(0)
```

```
COMPUTE: ITCB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-CPU-ITCB)
                        ELSE
                        ASSIGN(0)
```

```
COMPUTE: ISRB-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-CPU-ISRB)
                        ELSE
                        ASSIGN(0)
```

```
COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
```

(continued...)

(Control Statements continued...)

```
ASSIGN(CIMRC030-STEP-TCBCPU-TIME +
       CIMRC030-STEP-SRBCPU-TIME +
       CIMRC030-CPU-ITCB +
       CIMRC030-CPU-ISRB)
ELSE
ASSIGN(0)
COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-DISK-SIOS)
                        ELSE
                        ASSIGN(0)
COMPUTE: TOTAL-TAPE-IO = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-TAPE-SIOS)
                        ELSE
                        ASSIGN(0)
COMPUTE: TOTAL-IO = WHEN(CIMRC030-REC-TYPE = 30)
                    ASSIGN(CIMRC030-SIOS)
                    ELSE
                    ASSIGN(0)
COLUMNS: CIMRC030-ACT1
          CIMRC030-JOBNAME
          CIMRC030-JOB-START-DATE
          CIMRC030-JOB-START-TIME
          CIMRC030-SYSTEM-ID
          CIMRC030-SMF30WID
          TCB-CPU-TIME
          SRB-CPU-TIME
          ITCB-CPU-TIME
          ISRB-CPU-TIME
          TOTAL-CPU-TIME
          TOTAL-DISK-IO
          TOTAL-TAPE-IO
          TOTAL-IO
          PAGES-PRINTED
          LINES-PRINTED
SORT: SORT-SEQ
BREAK: SORT-SEQ
      NOTOTAL
      FOOTING(CIMRC030-ACT1 0
              CIMRC030-JOBNAME 0
              CIMRC030-JOB-START-DATE 0
              CIMRC030-JOB-START-TIME 0
              CIMRC030-SYSTEM-ID 0
              CIMRC030-SMF30WID 0
              TCB-CPU-TIME(TOTAL) 0
              SRB-CPU-TIME(TOTAL) 0
              ITCB-CPU-TIME(TOTAL) 0
              ISRB-CPU-TIME(TOTAL) 0
              TOTAL-CPU-TIME(TOTAL) 0
              TOTAL-DISK-IO(TOTAL) 0
              TOTAL-TAPE-IO(TOTAL) 0
              TOTAL-IO(TOTAL) 0
              PAGES-PRINTED(TOTAL) 0
              LINES-PRINTED(TOTAL))
BREAK: #GRAND
      NOTOTAL
      FOOTING('.....R U N T O T A L.....' 0
              TCB-CPU-TIME(TOTAL) 0
              SRB-CPU-TIME(TOTAL) 0
              ITCB-CPU-TIME(TOTAL) 0
              ISRB-CPU-TIME(TOTAL) 0
              TOTAL-CPU-TIME(TOTAL) 0
              TOTAL-DISK-IO(TOTAL) 0
              TOTAL-TAPE-IO(TOTAL) 0
              TOTAL-IO(TOTAL) 0
              PAGES-PRINTED(TOTAL) 0
              LINES-PRINTED(TOTAL))
```

**SPWTR093
WRITES SELECTED FIELDS FROM CIMS RECORD TYPES 6 & 30 TO A MAINFRAME FILE**

This feature is useful if you want to use CIMS data in a mainframe reporting or graphics product.

The **OPTION** Statement allows any **CIMS REPORT WRITER REPORT** to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- **LOTUS**
- **DBASE**
- **RBASE**
- **EXCEL**
- **HARVARD**
- **PARADOX**
- **PC**
- **MAINFRAME**

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR094

CPU Top 10 Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR094)

CPU TOP 10 REPORT CREATION:

- PROCESSES RECORDS DOWNLOADED FROM PROGRAM CIMSACCT DDNAME CIMSACCT
- INCLUDE CONDITION: ACCOUNT CODE NOT EQUAL '*' AND ' '
- SORTED BY ACCOUNT CODE, JOB NAME, JOB START DATE/TIME, AND CPU TIME(DESCENDING)
- COLUMNS INCLUDED:
 - ACCOUNT CODE
 - JOB NAME
 - JOB START DATE
 - JOB START TIME
 - CPU TIME
- CONTROL BREAK ON ACCOUNT CODE, JOB NAME, JOB START DATE/TIME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTIONS: DETAIL(10)
INPUT: CIMRCSPC-RECORD
INCLUDEIF: ((CIMRCSPC-ACT1 ^= '') AND
            (CIMRCSPC-ACT1 ^= ' '))
TITLE: 'SPWTR094 REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY ' '
PAGE' #PAGENUM
TITLE: / 'CPU TOP 10 REPORT' /
COMPUTE: JOB-START-DATE = #FORMAT(CIMRCSPC-JOB-ST-DATE)
COMPUTE: JOB-START-TIME = #FORMAT(CIMRCSPC-JOB-ST-TIME1)
COMPUTE: SORT-SEQ = CIMRCSPC-ACT1 +
                CIMRCSPC-JOBNAME +
                JOB-START-DATE +
                JOB-START-TIME
COLUMNS: CIMRCSPC-ACT1('ACCOUNT CODE')
           CIMRCSPC-JOBNAME('JOB NAME')
           CIMRCSPC-JOB-ST-DATE('START DATE|MM/DD/YY')
           CIMRCSPC-JOB-ST-TIME1('PIC'Z9:99:99' 'START TIME|HH:MM:SS')
           CIMRCSPC-CPU-TIME('PIC'ZZZZZZZZ9.99' 'TOT CPU TIME|SS.SS')
SORT: CIMRCSPC-CPU-TIME(DESC) SORT-SEQ
BREAK: #GRAND
       TOTAL('TOTALS.....')
```

SPWTR094 REPORT CIMS JOB ACCOUNTING SYSTEM PAGE 1
 CPU TOP 10 REPORT

ACCOUNT CODE	JOB NAME	START DATE MM/DD/YY	START TIME HH:MM:SS	TOT CPU TIME SSS.SS
AABBB001	XNLGDALY	04/27/96	20:43:40	7842.00
AABBB001	XNLGDALY	04/27/96	20:00:38	7734.00
AABBB001	XNPRELIM	04/27/96	19:50:57	7197.00
AABBB001	XNLGNCP2	04/27/96	20:29:23	1591.00
AABBB001	XNJBKUPA	04/27/96	19:35:33	1321.00
AABBB001	XNRSTBKP	04/27/96	20:24:58	1021.00
AABBB001	XNLGSSA3	04/27/96	20:40:36	896.00
AABBB001	TSXNTAR	04/27/96	20:22:33	857.00
AABBB001	XNLGBGND	04/27/96	8:54:34	480.00
AABBB001	XNLGSEPT	04/27/96	20:36:44	325.00
TOTALS.....				34323.00

SPWTR095

Abend Report, Job Name Sequence

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR095)

ABEND REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- USES ACCOUNT CODE TO ACCESS THE CLIENT FILE TO PRINT THE CLIENT DESCRIPTION INFORMATION
- SORTED BY ACCOUNT CODE, JOBNAME
- COLUMNS INCLUDE: JOBNAME
 - PROGRAM NAME
 - START DATE
 - START TIME
 - ABEND CODE
 - NUMBER OF RUNS
 - ELAPSED TIME
 - CPU TIME
 - TOTAL SIOS
 - DISK SIOS
 - TAPE SIOS
 - ACCOUNT CODE
- CONTROL BREAK ON JOBNAME, ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
           CIMRC030-SMF30STP = 4 AND
           CIMRC030-DELETE-CODE = ' ' AND
           NOT CIMRC030-ABEND-CODE = 'S000' OR 'U000' OR ' ')
TITLE: 'ABEND REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'ABEND REPORT, JOB NAME SEQUENCE' /
TITLE: ' '

```

TO CONSTRUCT THE KEY FOR THE CLIENT FILE, YOU MUST ALLOW FOR THE FULL 32 BYTES. THE "#SUBSTR" COMMAND SELECTS THOSE CHARACTERS NEEDED TO CREATE THE KEY.

```

COMPUTE: CLIENT-KEY(32) = #SUBSTR(CIMRC030-ACCT-CODE,1,8)
READ: CIMSCLNT-RECORD KEY(CLIENT-KEY) TYPE(VSAM)
COMPUTE: RATEKEY = CIMSCLNT-RECORD.CIMSCLNT-RATE + 'Z001 '
READ: CIMSRATE-RECORD KEY(RATEKEY) TYPE(VSAM)

```

(continued...)

(Control Statements continued...)

```

TITLE: ' ACCOUNT NUMBER: ' CIMSCCLNT-RECORD.CIMSCLNT-ACCOUNT-CODE /
TITLE: ' RATE TABLE : ' CIMSCLNT-RECORD.CIMSCLNT-RATE-TABLE /
TITLE: ' '
TITLE: ' DESCRIPTION 1 : ' CIMSCCLNT-RECORD.CIMSCLNT-DESC1 /
TITLE: ' DESCRIPTION 2 : ' CIMSCCLNT-RECORD.CIMSCLNT-DESC2 /
TITLE: ' DESCRIPTION 3 : ' CIMSCCLNT-RECORD.CIMSCLNT-DESC3 /
TITLE: ' DESCRIPTION 4 : ' CIMSCCLNT-RECORD.CIMSCLNT-DESC4 /
TITLE: ' DESCRIPTION 5 : ' CIMSCCLNT-RECORD.CIMSCLNT-DESC5 /
TITLE: ' '
COMPUTE: RUNS = 0
COMPUTE: DURATION = 0
COMPUTE: TOTAL-CPU-TIME = CIMRC030-STEP-TCBCPU-TIME +
                        CIMRC030-STEP-SRBCPU-TIME
COLUMNS: CIMRC030-JOBNAME('JOB NAME')
           CIMRC030-PROGRAM-NAME('PROGRAM')
           CIMRC030-GREG-STR-DATE('DATE')
           CIMRC030-STEP-START-TIME(TPIC'Z9:99:99' 'TIME')
           CIMRC030-ABEND-CODE('CODE')
           RUNS(PIC'ZZZ' 'RUNS')
           CIMRC030-ELAPSED-TIME(PIC'ZZZZZZZZZ9.999' 'DURATION|HHH.HHH')
           TOTAL-CPU-TIME(PIC'ZZZZZZZZZ9.99' 'CPU TIME|SS.SS')
           CIMRC030-SIOS(PIC'ZZZZZZZZZ' 'TOTAL SIO')
           CIMRC030-DISK-SIOS(PIC'ZZZZZZZZZ' 'DISK SIO')
           CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-ACCT-CD16 CIMRC030-JOBNAME
BREAK: CIMRC030-JOBNAME
NOTOTAL
FOOTING(' ')
FOOTING(CIMRC030-JOBNAME 30 #ITEM
        CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZZZZZ9.999')
        TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZZ9.99')
        CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZZ'))
BREAK: CIMRC030-ACCT-CD16 SPACE(PAGE)
NOTOTAL
FOOTING(' ')
FOOTING('TOTALS... '
        'ACCOUNT :' CIMRC030-ACCT-CD16 #ITEM
        CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZZZZZ9.999')
        TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZZ9.99')
        CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZZ'))
BREAK: #GRAND
NOTOTAL
FOOTING(' ')
FOOTING('22 'TOTALS.....' 5 #ITEM
        CIMRC030-ELAPSED-TIME(TOTAL PIC'ZZZZZZZZZ9.999')
        TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZZ9.99')
        CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-DISK-SIOS(TOTAL PIC'ZZZZZZZZZ')
        CIMRC030-TAPE-SIOS(TOTAL PIC'ZZZZZZZZZ'))

```


ABEND REPORT

CIMS JOB ACCOUNTING SYSTEM
ABEND REPORT, JOB NAME SEQUENCE

PAGE 1

ACCOUNT NUMBER: AABBB001
RATE TABLE : STANDARD
DESCRIPTION 1 : ABC COMPUTER SERVICES
DESCRIPTION 2 : MANUFACTURING DEPARTMENT
DESCRIPTION 3 : 100 WEST 39TH STREET
DESCRIPTION 4 : NEW YORK, NY 10006
DESCRIPTION 5 :

JOB NAME	PROGRAM	DATE	TIME	CODE	RUNS	DURATION HHH.HHH	CPU TIME SSS.SS	TOTAL SIO	DISK SIO	TAPE SIO
XNLGBGND	BGNDAY	04/27/96	8:56:35	U00C		0.014	0.90	81		81
XNLGBGND					1	0.014	0.90	81		81
TOTALS...	ACCOUNT : AABBB001				1	0.014	0.90	81		81

SPWTR096

Account Code Report Using Record Type 30

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR096)

ACCOUNT CODE REPORT BY JOB NUMBER, JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY ACCOUNT CODE, START DATE, JOBNAME, JOB NUMBER, STEP NAME, PROGRAM NAME
- COLUMNS INCLUDE: ACCOUNT CODE
START DATE
JOBNAME
JOB NUMBER
STEP NAME
PROGRAM NAME
TCB CPU TIME
SRB CPU TIME
INITIATOR TCB CPU TIME
INITIATOR SRB CPU TIME
DISK SIOS
TAPE SIOS
- CONTROL BREAK ON JOB NUMBER, JOBNAME, ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
           CIMRC030-SMF30STP = 4 AND
           CIMRC030-DELETE-CODE = ' ')
TITLE: 'ACCOUNT CODE' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
      #PAGENUM
TITLE: / 'ACCOUNT CODE REPORT' /
COMPUTE: TCB = CIMRC030-STEP-TCBCPU-TIME
COMPUTE: SRB = CIMRC030-STEP-SRBCPU-TIME
COMPUTE: TOTAL-CPU-TIME = TCB + SRB
COMPUTE: ITCB = CIMRC030-CPU-ITCB
COMPUTE: ISRB = CIMRC030-CPU-ISRB
COMPUTE: TOTAL-ICPU-TIME = ITCB + ISRB
COLUMNS: CIMRC030-ACT1('ACCOUNT')
          CIMRC030-GREG-STR-DATE(C-YMMDD 'START|DATE')
          CIMRC030-JOBNAME('JOB NAME')
          CIMRC030-SMF30JNM('JOB|NUMBER')
          CIMRC030-STEP-NAME('STEP NAME')
          CIMRC030-PROGRAM-NAME('PROGRAM|NAME')
          TCB(PIC'ZZZZZZZZ9.99' 'TCB CPU|SS.SS')
          SRB(PIC'ZZZZZZZZ9.99' 'SRB CPU|SS.SS')
          ITCB(PIC'ZZZZZZZZ9.99' 'ITCB CPU|SS.SS')
          ISRB(PIC'ZZZZZZZZ9.99' 'ISRB CPU|SS.SS')
          CIMRC030-DISK-SIOS(PIC'ZZZZZZZZ' 'DISK SIO')
          CIMRC030-TAPE-SIOS(PIC'ZZZZZZZZ' 'TAPE SIO')
SORT: CIMRC030-ACT1 CIMRC030-GREG-STR-DATE CIMRC030-JOBNAME
      CIMRC030-SMF30JNM CIMRC030-STEP-NAME CIMRC030-PROGRAM-NAME
BREAK: CIMRC030-SMF30JNM
      TOTAL(16 CIMRC030-JOBNAME
           CIMRC030-SMF30JNM)
BREAK: CIMRC030-JOBNAME
      TOTAL(16 CIMRC030-JOBNAME)
BREAK: #GRAND
      TOTAL(CIMRC030-ACT1)
```

SPWTR096

Account Code Report Using Record Type 30

ACCOUNT CODE						CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE REPORT				PAGE 1	
ACCOUNT	START DATE	JOB NAME	JOB NUMBER	STEP NAME	PROGRAM NAME	TCB CPU SSS.SS	SRB CPU SSS.SS	ITCB CPU SSS.SS	ISRB CPU SSS.SS	DISK SIO	TAPE SIO
AABBB000	960228	BLSJPRMI	JOB07371	IEFPROC	BLSQPRMI	1.00	0.02	0.09	0.00	30	
		BLSJPRMI	JOB07371			1.00	0.02	0.09	0.00	30	
		BLSJPRMI				1.00	0.02	0.09	0.00	30	
AABBB000	960228	HDIRECTA	JOB07522	ASSEMBLE	IEV90	0.75	0.06	0.29	0.01	326	
AABBB000	960228	HDIRECTA	JOB07522	LINK	IEWL	0.08	0.01	0.10	0.00	30	
		HDIRECTA	JOB07522			0.83	0.07	0.39	0.01	356	
		HDIRECTA				0.83	0.07	0.39	0.01	356	
AABBB000	960228	MAA	JOB07454	SPFTSO	IKJEFT01	0.70	0.04	1.06	0.02	90	
AABBB000	960228	MAA	JOB07454	SPFTSO	IKJEFT01	1.07	0.06	1.07	0.02	136	
		MAA	JOB07454			1.77	0.10	2.13	0.04	226	
		MAA				1.77	0.10	2.13	0.04	226	
AABBB000	960228	PCSINIT	JOB07504	PCSINIT1	PCSIPL	0.17	0.02	0.15	0.00	18	
AABBB000	960228	PCSINIT	JOB07504	PCSINIT2	PCSTSVFY	0.15	0.00	0.04	0.00	8	
AABBB000	960228	PCSINIT	JOB07504	PNAIPL	PNAIPL	0.09	0.01	0.05	0.00	10	
		PCSINIT	JOB07504			0.41	0.03	0.24	0.00	36	
		PCSINIT				0.41	0.03	0.24	0.00	36	
AABBB000	960228	SYSVIEW	JOB06426	INSTALL	GSVXINST	0.04	0.00	0.05	0.00	8	
		SYSVIEW	JOB06426			0.04	0.00	0.05	0.00	8	
		SYSVIEW				0.04	0.00	0.05	0.00	8	
AABBB000	960228	TMPCMDS	JOB07363	TMPCMDS	IKJEFT01	0.73	0.06	0.07	0.00	6	
		TMPCMDS	JOB07363			0.73	0.06	0.07	0.00	6	
		TMPCMDS				0.73	0.06	0.07	0.00	6	
AABBB000						4.78	0.28	2.97	0.05	662	

SPWTR098

Client Budget Report Months 1 Thru 6

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR098)

CLIENT FILE DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSCLNT DDNAME CIMSCLV5
- PROCESSES ALL RECORDS
- SELECTS RECORDS WITH A TOTAL GREATER THAN ZERO
- NO SORT PERFORMED
- COLUMNS INCLUDE: ACCOUNT CODE

CLIENT DESCRIPTION LINE1 16 CHARACTERS
ACTUAL DOLLARS PERIOD 1
ACTUAL DOLLARS PERIOD 2
ACTUAL DOLLARS PERIOD 3
ACTUAL DOLLARS PERIOD 4
ACTUAL DOLLARS PERIOD 5
ACTUAL DOLLARS PERIOD 6
ACTUAL DOLLARS PERIOD 1 THRU 6
ACTUAL DOLLARS YEAR-TO-DATE

- CONTROL BREAK ON GRAND TOTAL
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSCLNT-RECORD
TITLE: 'CLIENT ACTUAL' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CLIENT ACTUAL REPORT' /
TITLE: ' '
COMPUTE: ACT-TOTAL = CIMSCLNT-CACT-PER1 + CIMSCLNT-CACT-PER2 +
                CIMSCLNT-CACT-PER3 + CIMSCLNT-CACT-PER4 +
                CIMSCLNT-CACT-PER5 + CIMSCLNT-CACT-PER6
INCLUDEIF: (ACT-TOTAL > +0)
COLUMNS: CIMSCLNT-ACCOUNT-CODE(8 'ACCOUNT|CODE')
          CIMSCLNT-DESC1(16 'DESCRIPTION')
          CIMSCLNT-CACT-PER1(PIC'ZZZZZ,ZZ9.99' 'PERIOD|01')
          CIMSCLNT-CACT-PER2(PIC'ZZZZZ,ZZ9.99' 'PERIOD|02')
          CIMSCLNT-CACT-PER3(PIC'ZZZZZ,ZZ9.99' 'PERIOD|03')
          CIMSCLNT-CACT-PER4(PIC'ZZZZZ,ZZ9.99' 'PERIOD|04')
          CIMSCLNT-CACT-PER5(PIC'ZZZZZ,ZZ9.99' 'PERIOD|05')
          CIMSCLNT-CACT-PER6(PIC'ZZZZZ,ZZ9.99' 'PERIOD|06')
          ACT-TOTAL(PIC'ZZZZZ,ZZ9.99' 'PER 01 - 06|TOTAL')
          CIMSCLNT-CYEAR-ACTUAL(PIC'ZZZZZ,ZZ9.99' 'Y-T-D|TOTAL')
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CLIENT ACTUAL		CIMS JOB ACCOUNTING SYSTEM CLIENT ACTUAL REPORT						PAGE 1	
ACCOUNT CODE	DESCRIPTION	PERIOD 01	PERIOD 02	PERIOD 03	PERIOD 04	PERIOD 05	PERIOD 06	PER 01 - 06 TOTAL	Y-T-D TOTAL
AABBB001	AAB COMPUTER ACT	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	10,500.00	21,000.00
AABBB002	AAB COMPUTER AP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AABBB003	AAB COMPUTER AR	2,335.00	2,400.00	2,300.00	2,400.00	2,250.00	2,500.00	14,185.00	29,635.00
AABBB004	AAB COMPUTER DIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AABBB005	AAB COMPUTER MFG	6,950.00	6,800.00	6,750.00	6,700.00	6,600.00	6,650.00	40,450.00	79,900.00
AABBB006	AAB COMPUTER MKT	8,500.00	8,700.00	8,675.00	8,700.00	8,900.00	8,850.00	52,325.00	103,775.00
AABBB007	AAB COMPUTER PAY	3,400.00	3,900.00	3,990.00	3,700.00	3,675.00	3,800.00	22,465.00	43,915.00
AABBB008	AAB COMPUTER PUR	5,674.00	5,395.00	5,525.00	5,600.00	5,750.00	5,700.00	33,644.00	67,094.00
AACCC001	AAC MOVING AP	500.00	510.00	505.00	520.00	515.00	530.00	3,070.00	6,315.00
AACCC002	AAC MOVING AR	600.00	610.00	605.00	620.00	615.00	630.00	3,670.00	7,515.00
AACCC003	AAC MOVING CUST	700.00	710.00	705.00	720.00	715.00	730.00	4,270.00	8,715.00
AACCC004	AAC MOVING FIN	800.00	810.00	805.00	820.00	815.00	830.00	4,870.00	9,915.00
AACCC005	AAC MOVING HR	900.00	910.00	905.00	920.00	915.00	930.00	5,470.00	11,115.00
AACCC006	AAC MOVING MIS	400.00	410.00	405.00	420.00	415.00	430.00	2,470.00	5,115.00
AACCC007	AAC MOVING MKT	300.00	310.00	305.00	320.00	315.00	330.00	1,870.00	3,915.00
AACCC008	AAC MOVING PAY	200.00	210.00	205.00	220.00	215.00	230.00	1,270.00	2,715.00
AACCC009	AAC MOVING STO	100.00	110.00	105.00	120.00	115.00	130.00	670.00	1,515.00
TOTALS.....		4,500.00	4,590.00	4,545.00	4,680.00	4,635.00	4,750.00	201,199.00	402,154.00

SPWTR099

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR099)

CLIENT FILE DETAIL REPORT BY ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSCLNT DDNAME CIMSCLVS
- PROCESSES ALL RECORDS
- SELECTS RECORDS WITH A TOTAL GREATER THAN ZERO
- NO SORT PERFORMED

- COLUMNS INCLUDE: ACCOUNT CODE
CLIENT DESCRIPTION LINE1 16 CHARACTERS
ACTUAL DOLLARS PERIOD 7
ACTUAL DOLLARS PERIOD 8
ACTUAL DOLLARS PERIOD 9
ACTUAL DOLLARS PERIOD 10
ACTUAL DOLLARS PERIOD 11
ACTUAL DOLLARS PERIOD 12
ACTUAL DOLLARS PERIOD 7 THRU 12
ACTUAL DOLLARS YEAR-TO-DATE

- CONTROL BREAK ON GRAND TOTAL
- DETAIL REPORT

Client Budget Report Months 7 Thru 12

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSCLNT-RECORD
TITLE: 'CLIENT ACTUAL' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'CLIENT ACTUAL REPORT' /
TITLE: ' '
COMPUTE: ACT-TOTAL = CIMSCLNT-CACT-PER7 + CIMSCLNT-CACT-PER8 +
                  CIMSCLNT-CACT-PER9 + CIMSCLNT-CACT-PER10 +
                  CIMSCLNT-CACT-PER11 + CIMSCLNT-CACT-PER12

INCLUDEIF: (ACT-TOTAL > +0)
COLUMNS: CIMSCLNT-ACCOUNT-CODE(8 'ACCOUNT|CODE')
          CIMSCLNT-DESC1(16 'DESCRIPTION')
          CIMSCLNT-CACT-PER7(PIC'ZZZZZ,ZZ9.99' 'PERIOD|07')
          CIMSCLNT-CACT-PER8(PIC'ZZZZZ,ZZ9.99' 'PERIOD|08')
          CIMSCLNT-CACT-PER9(PIC'ZZZZZ,ZZ9.99' 'PERIOD|09')
          CIMSCLNT-CACT-PER10(PIC'ZZZZZ,ZZ9.99' 'PERIOD|10')
          CIMSCLNT-CACT-PER11(PIC'ZZZZZ,ZZ9.99' 'PERIOD|11')
          CIMSCLNT-CACT-PER12(PIC'ZZZZZ,ZZ9.99' 'PERIOD|12')
          ACT-TOTAL(PIC'ZZZZZ,ZZ9.99' 'PER 07 - 12|TOTAL')
          CIMSCLNT-CYEAR-ACTUAL(PIC'ZZZZZ,ZZ9.99' 'Y-T-D|TOTAL')

BREAK: #GRAND
      TOTAL('TOTALS.....')
```

SPWTR099

Client Budget Report Months 7 Through 12

CLIENT ACTUAL		CIMS JOB ACCOUNTING SYSTEM CLIENT ACTUAL REPORT						PAGE 1	
ACCOUNT CODE	DESCRIPTION	PERIOD 07	PERIOD 08	PERIOD 09	PERIOD 10	PERIOD 11	PERIOD 12	PER 07 - 12 TOTAL	Y-T-D TOTAL
AABBB001	AAB COMPUTER ACT	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	1,750.00	10,500.00	21,000.00
AABBB002	AAB COMPUTER AP	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AABBB003	AAB COMPUTER AR	2,500.00	2,600.00	2,550.00	2,700.00	2,650.00	2,450.00	15,450.00	29,635.00
AABBB004	AAB COMPUTER DIS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AABBB005	AAB COMPUTER MFG	6,500.00	6,600.00	6,550.00	6,700.00	6,650.00	6,450.00	39,450.00	79,900.00
AABBB006	AAB COMPUTER MKT	8,500.00	8,600.00	8,550.00	8,700.00	8,650.00	8,450.00	51,450.00	103,775.00
AABBB007	AAB COMPUTER PAY	3,500.00	3,600.00	3,550.00	3,700.00	3,650.00	3,450.00	21,450.00	43,915.00
AABBB008	AAB COMPUTER PUR	5,500.00	5,600.00	5,550.00	5,700.00	5,650.00	5,450.00	33,450.00	67,094.00
AACCC001	AAC MOVING AP	525.00	540.00	535.00	550.00	545.00	560.00	3,245.00	6,315.00
AACCC002	AAC MOVING AR	625.00	640.00	635.00	650.00	645.00	660.00	3,845.00	7,515.00
AACCC003	AAC MOVING CUST	725.00	740.00	735.00	750.00	745.00	760.00	4,445.00	8,715.00
AACCC004	AAC MOVING FIN	825.00	840.00	835.00	850.00	845.00	860.00	5,045.00	9,915.00
AACCC005	AAC MOVING HR	925.00	940.00	935.00	950.00	945.00	960.00	5,645.00	11,115.00
AACCC006	AAC MOVING MIS	425.00	440.00	435.00	450.00	445.00	460.00	2,645.00	5,115.00
AACCC007	AAC MOVING MKT	325.00	340.00	335.00	350.00	345.00	360.00	2,045.00	3,915.00
AACCC008	AAC MOVING PAY	225.00	240.00	235.00	250.00	245.00	260.00	1,445.00	2,715.00
AACCC009	AAC MOVING STO	125.00	140.00	135.00	150.00	145.00	160.00	845.00	1,515.00
TOTALS.....		32,975.00	33,610.00	33,315.00	34,200.00	33,905.00	33,040.00	200,955.00	402,154.00

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR100)

CIMSDATA DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 006
- PROCESSES SUBTYPE 02: JES2 PRINT RECORD
- SORTED BY JOBNAME

- COLUMNS INCLUDE: JOBNAME
- STEP NAME
- SYSOUT CLASS
- JOB NUMBER
- SNA ATTACHED PRINTERS
- FORM NUMBER
- USER ID
- PHYSICAL PAGE COUNT
- NUMBER OF COPIES GROUP 1
- NUMBER OF COPIES GROUP 2

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: SMFRC006-RECORD
TITLE: 'CIMSDATA' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'JES2 PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (SMFRC006-REC-TYPE = '06' AND
            SMFRC006-SMF6SBS = 02)
COMPUTE: GROUP-COPY1 = #MAKENUM(SMFRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(SMFRC006-SMF6LN2 > 0)
            ASSIGN(GROUP-COPY1)
            ELSE
            ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(SMFRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(SMFRC006-SMF6LN2 > 0)
            ASSIGN(GROUP-COPY2)
            ELSE
            ASSIGN(0)
COLUMNS:
SMFRC006-JOBNAME('JOB NAME')
SMFRC006-SMF6STNM('STEP|NAME')
SMFRC006-SYSOUT-CLASS('SYSOUT|CLASS')
SMFRC006-SMF6JNM('JOB|NUMBER')
SMFRC006-SMF6OUT('SNA ATTACHED|PRINTER')
SMFRC006-SMF6EFMN('FORM|NUMBER')
SMFRC006-SMF6USID('USER ID')
SMFRC006-SMF6PGE('PIC'ZZZ,ZZ9' 'PAGE COUNT')
COPY-GROUP1('PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
COPY-GROUP2('PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: SMFRC006-JOBNAME
BREAK: SMFRC006-JOBNAME
        TOTAL(SMFRC006-JOBNAME)
BREAK: #GRAND
        TOTAL('TOTALS.....')
    
```


SPWTR100

JES2 Print Record Detail Report by JOBNAME

CIMSDATA		CIMS JOB ACCOUNTING SYSTEM					PAGE 1			
JES2 PRINT RECORD DETAIL REPORT										
JOB NAME	STEP NAME	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2	
A039A0	JSTEP010	C	3067	PRT1	1CHK	CIMSXXX0	455	0	0	
A039A0							455	0	0	
A046A0	JSTEP010	D	2966	PRT1	2CHK	CIMSXXX0	1	0	0	
A046A0	JSTEP010	H	2966	PRT1	HFCE	CIMSXXX0	0	0	0	
A046A0	JSTEP020	H	2966	PRT1	HFCE	CIMSXXX0	1	0	0	
A046A0							2	0	0	
A049A0	JSTEP010	C	3004	PRT1	1CKS	CIMSXXX0	1	0	0	
A049A0	JSTEP010	G	3004	PRT1	GMLB	CIMSXXX0	1	0	0	
A049A0							2	0	0	
A051A0	JSTEP010	D	3005	PRT1	2CHK	CIMSXXX0	1	0	0	
A051A0	JSTEP020	G	3005	PRT1	GMLB	CIMSXXX0	1	0	0	
A051A0							2	0	0	
A052A0	JSTEP010	G	2924	PRT1	GMLB	CIMSXXX0	1	0	0	
A052A0							1	0	0	
A053A0	JSTEP010	W	2922	PRT1	3MBC	CIMSXXX0	1,308	0	0	
A053A0							1,308	0	0	
A058A0	JSTEP010	C	3132	PRT1	1CHK	CIMSXXX0	1	0	0	
A058A0	JSTEP020	D	3132	PRT1	2CHK	CIMSXXX0	1	0	0	
A058A0	JSTEP030	H	3132	PRT1	INDX	CIMSXXX0	9	0	0	
A058A0							11	0	0	
A158A0	JSTEP010	C	3148	PRT1	1CHK	CIMSXXX0	1	0	0	
A158A0							1	0	0	
A265A0	JSTEP010	D	3152	PRT1	2CHK	CIMSXXX0	1	0	0	
A265A0							1	0	0	
B618A0	JSTEP010	C	2984	PRT1	1CHK	CIMSXXX0	1	0	0	
B618A0	JSTEP020	G	2984	PRT1	GMLB	CIMSXXX0	1	0	0	
B618A0							2	0	0	
B858A0	JSTEP010	G	2981	PRT1	GMLB	CIMSXXX0	1	0	0	
B858A0							1	0	0	
D273A0	JSTEP010	9	2799	R2.PU1	STD	CIMSXXX0	5	0	0	
D273A0							5	0	0	
D443A0	JSTEP010	9	1068	R2.PU1	STD	CIMSXXX0	1	0	0	
D443A0							1	0	0	
TOTALS.....							1,792	0	0	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR101)

CIMSDATA DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 006
- PROCESSES SUBTYPE 05: JES3 PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE: JOBNAME

```

STEP NAME
SYSOUT CLASS
JOB NUMBER
SNA ATTACHED PRINTERS
FORM NUMBER
USER ID
PHYSICAL PAGE COUNT
NUMBER OF COPIES GROUP 1
NUMBER OF COPIES GROUP 2
    
```

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: SMFRC006-RECORD
TITLE: 'CIMSDATA ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'JES3 PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (SMFRC006-REC-TYPE = '06' AND
            SMFRC006-SMF6SBS = 05)
COMPUTE: GROUP-COPY1 = #MAKENUM(SMFRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(SMFRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY1)
          ELSE
          ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(SMFRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(SMFRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY2)
          ELSE
          ASSIGN(0)
COLUMNS:
SMFRC006-JOBNAME('JOB NAME')
SMFRC006-SMF6STNM('STEP|NAME')
SMFRC006-SYSOUT-CLASS('SYSOUT|CLASS')
SMFRC006-SMF6JNM('JOB|NUMBER')
SMFRC006-SMF6OUT('SNA ATTACHED|PRINTER')
SMFRC006-SMF6EFMN('FORM|NUMBER')
SMFRC006-SMF6USID('USER ID')
SMFRC006-SMF6PGE(PIC'ZZZ,ZZ9' 'PAGE COUNT')
COPY-GROUP1(PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
COPY-GROUP2(PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: SMFRC006-JOBNAME
BREAK: SMFRC006-JOBNAME
      TOTAL(SMFRC006-JOBNAME)
BREAK: #GRAND
      TOTAL('TOTALS.....')
    
```

SPWTR101

JES3 Print Record Detail Report by JOBNAME

CIMSDATA		CIMS JOB ACCOUNTING SYSTEM JES3 PRINT RECORD DETAIL REPORT						PAGE	1	
JOB NAME	STEP NAME	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2	
B039X00	JSTEP010	C	3067	PRT1	1CHK	CIMSXXX0	455	0	0	
B039X00							455	0	0	
B046X00	JSTEP010	D	2966	PRT1	2CHK	CIMSXXX0	1	0	0	
B046X00	JSTEP010	H	2966	PRT1	HFCE	CIMSXXX0	0	0	0	
B046X00	JSTEP020	H	2966	PRT1	HFCE	CIMSXXX0	1	0	0	
B046X00							2	0	0	
B049X00	JSTEP010	C	3004	PRT1	1CKS	CIMSXXX0	1	0	0	
B049X00	JSTEP010	G	3004	PRT1	GMLB	CIMSXXX0	1	0	0	
B049X00							2	0	0	
B051X00	JSTEP010	D	3005	PRT1	2CHK	CIMSXXX0	1	0	0	
B051X00	JSTEP020	G	3005	PRT1	GMLB	CIMSXXX0	1	0	0	
B051X00							2	0	0	
B052X00	JSTEP010	G	2924	PRT1	GMLB	CIMSXXX0	1	0	0	
B052X00							1	0	0	
B053X00	JSTEP010	W	2922	PRT1	3MBC	CIMSXXX0	1,308	0	0	
B053X00							1,308	0	0	
B058X00	JSTEP010	C	3132	PRT1	1CHK	CIMSXXX0	1	0	0	
B058X00	JSTEP020	D	3132	PRT1	2CHK	CIMSXXX0	1	0	0	
B058X00	JSTEP030	H	3132	PRT1	INDX	CIMSXXX0	9	0	0	
B058X00							11	0	0	
B158X00	JSTEP010	C	3148	PRT1	1CHK	CIMSXXX0	1	0	0	
B158X00							1	0	0	
B265X00	JSTEP010	D	3152	PRT1	2CHK	CIMSXXX0	1	0	0	
B265X00							1	0	0	
B273X00	JSTEP010	9	2799	R2.PU1	STD	CIMSXXX0	5	0	0	
B273X00							5	0	0	
B443X00	JSTEP010	9	1068	R2.PU1	STD	CIMSXXX0	1	0	0	
B443X00							1	0	0	
B618X00	JSTEP010	C	2984	PRT1	1CHK	CIMSXXX0	1	0	0	
B618X00	JSTEP020	G	2984	PRT1	GMLB	CIMSXXX0	1	0	0	
B618X00							2	0	0	
B858X00	JSTEP010	G	2981	PRT1	GMLB	CIMSXXX0	1	0	0	
B858X00							1	0	0	
TOTALS.....							1,792	0	0	

SPWTR102

External Writer Detail Report by JOBNAME

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR102)

CIMSDATA DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 006
- PROCESSES SUBTYPE 00: EXTERNAL WRITER PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE: JOBNAME

- STEP NAME
- SYSOUT CLASS
- JOB NUMBER
- SNA ATTACHED PRINTERS
- FORM NUMBER
- USER ID
- PHYSICAL PAGE COUNT
- NUMBER OF COPIES GROUP 1
- NUMBER OF COPIES GROUP 2

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: SMFRC006-RECORD
TITLE: 'CIMSDATA ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'EXTERNAL WRITER PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (SMFRC006-REC-TYPE = '06' AND
            SMFRC006-SMF6SBS = 00)
COMPUTE: GROUP-COPY1 = #MAKENUM(SMFRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(SMFRC006-SMF6LN2 > 0)
           ASSIGN(GROUP-COPY1)
           ELSE
           ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(SMFRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(SMFRC006-SMF6LN2 > 0)
           ASSIGN(GROUP-COPY2)
           ELSE
           ASSIGN(0)
COLUMNS:
SMFRC006-JOBNAME('JOB NAME')
SMFRC006-SMF6STNM('STEP|NAME')
SMFRC006-SYSOUT-CLASS('SYSOUT|CLASS')
SMFRC006-SMF6JNM('JOB|NUMBER')
SMFRC006-SMF6OUT('SNA ATTACHED|PRINTER')
SMFRC006-SMF6EFMN('FORM|NUMBER')
SMFRC006-SMF6USID('USER ID')
SMFRC006-SMF6PGE(PIC'ZZZ,ZZ9' 'PAGE COUNT')
COPY-GROUP1(PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
COPY-GROUP2(PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: SMFRC006-JOBNAME
BREAK: SMFRC006-JOBNAME
      TOTAL(SMFRC006-JOBNAME)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMSDATA		CIMS JOB ACCOUNTING SYSTEM EXTERNAL WRITER PRINT RECORD DETAIL REPORT						PAGE	1	
JOB NAME	STEP NAME	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2	
G039W00	JSTEP010	C	3067	PRT1	1CHK	CIMSXXX0	455	0	0	
G039W00							455	0	0	
G046W00	JSTEP010	D	2966	PRT1	2CHK	CIMSXXX0	1	0	0	
G046W00	JSTEP010	H	2966	PRT1	HFCE	CIMSXXX0	0	0	0	
G046W00	JSTEP020	H	2966	PRT1	HFCE	CIMSXXX0	1	0	0	
G046W00							2	0	0	
G049W00	JSTEP010	C	3004	PRT1	1CKS	CIMSXXX0	1	0	0	
G049W00	JSTEP010	G	3004	PRT1	GMLB	CIMSXXX0	1	0	0	
G049W00							2	0	0	
G051W00	JSTEP010	D	3005	PRT1	2CHK	CIMSXXX0	1	0	0	
G051W00	JSTEP020	G	3005	PRT1	GMLB	CIMSXXX0	1	0	0	
G051W00							2	0	0	
G052W00	JSTEP010	G	2924	PRT1	GMLB	CIMSXXX0	1	0	0	
G052W00							1	0	0	
G053W00	JSTEP010	W	2922	PRT1	3MBC	CIMSXXX0	1,308	0	0	
G053W00							1,308	0	0	
G058W00	JSTEP010	C	3132	PRT1	1CHK	CIMSXXX0	1	0	0	
G058W00	JSTEP020	D	3132	PRT1	2CHK	CIMSXXX0	1	0	0	
G058W00	JSTEP030	H	3132	PRT1	INDX	CIMSXXX0	9	0	0	
G058W00							11	0	0	
G158W00	JSTEP010	C	3148	PRT1	1CHK	CIMSXXX0	1	0	0	
G158W00							1	0	0	
G265W00	JSTEP010	D	3152	PRT1	2CHK	CIMSXXX0	1	0	0	
G265W00							1	0	0	
G273W00	JSTEP010	9	2799	R2.PU1	STD	CIMSXXX0	5	0	0	
G273W00							5	0	0	
G443W00	JSTEP010	9	1068	R2.PU1	STD	CIMSXXX0	1	0	0	
G443W00							1	0	0	
G618W00	JSTEP010	C	2984	PRT1	1CHK	CIMSXXX0	1	0	0	
G618W00	JSTEP020	G	2984	PRT1	GMLB	CIMSXXX0	1	0	0	
G618W00							2	0	0	
G858W00	JSTEP010	G	2981	PRT1	GMLB	CIMSXXX0	1	0	0	
G858W00							1	0	0	
TOTALS.....							1,792	0	0	

SPWTR103

PSF Detail Report by JOBNAME

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR103)

CIMSDATA DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 006
- PROCESSES SUBTYPE 07: PSF PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE:

- JOBNAME
- STEP NAME
- SYSOUT CLASS
- JOB NUMBER
- FORM NUMBER
- USER ID
- DD NAME
- DATASET NAME
- NUMBER OF SIDES OF SHEETS
- NUMBER OF FEET OF PAPER PRINTED

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: SMFRC006-RECORD
TITLE: 'CIMSDATA ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'PSF PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (SMFRC006-REC-TYPE = '06' AND
            SMFRC006-SMF6SBS = 07)
COMPUTE: SMF6IMPS = WHEN(SMFRC006-SMF6LN4 > 0 AND
                        SMFRC006-SMF6INDC > X'02')
            ASSIGN(SMFRC006-SMF6IMPS)
            ELSE
            ASSIGN(0)
COMPUTE: SMF6FEET = WHEN(SMFRC006-SMF6LN4 > 0)
            ASSIGN(SMFRC006-SMF6FEET)
            ELSE
            ASSIGN(0)
COLUMNS:
SMFRC006-JOBNAME('JOB NAME')
SMFRC006-SMF6STNM('STEP|NAME')
SMFRC006-SYSOUT-CLASS('SYSOUT|CLASS')
SMFRC006-SMF6JNM('JOB|NUMBER')
SMFRC006-SMF6EFMN('FORM|NUMBER')
SMFRC006-SMF6USID('USER ID')
SMFRC006-SMF6DDNM('DD NAME')
SMFRC006-SMF6DSNM(20 'DATASET|NAME')
SMFRC006-SMF6IMPS(PIC'ZZZ,ZZ9' 'NUM OF SIDES|OF SHEETS')
SMFRC006-SMF6FEET(PIC'ZZZ,ZZ9' 'NUM OF FEET|OF PAPER')
SORT: SMFRC006-JOBNAME
BREAK: SMFRC006-JOBNAME
        TOTAL(SMFRC006-JOBNAME)
BREAK: #GRAND
        TOTAL('TOTALS.....')
```

CIMSDATA		CIMS JOB ACCOUNTING SYSTEM PSF PRINT RECORD DETAIL REPORT						PAGE	1
JOB NAME	STEP NAME	SYSOUT CLASS	JOB NUMBER	FORM NUMBER	USER ID	DD NAME	DATASET NAME	NUM OF SIDES OF SHEETS	NUM OF FEET OF PAPER
ARPRO126	ADDMEMBR	K	2923	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.ARPRO12	7	4
ARPRO126	JES2	K	2923	STD	SYSTEMS	JESMSG LG	CIMS.SYSTEMS.ARPRO12	3	2
ARPRO126	JES2	K	2923	STD	SYSTEMS	JESJCL	CIMS.SYSTEMS.ARPRO12	2	1
ARPRO126	JES2	K	2923	STD	SYSTEMS	JESYSMSG	CIMS.SYSTEMS.ARPRO12	2	1
ARPRO126								14	8
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	3	2
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYSOUT	CIMS.SYSTEMS.A002A0.	108	50
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYSLST	CIMS.SYSTEMS.A002A0.	8	4
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	2	1
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	2	2
A002A0	A002A0A0	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	126	62
A003A0	A003A0A0	1	2829	STD	SYSTEMS	SYS007	CIMS.SYSTEMS.A003A0.	6	4
A003A0								6	4
A005A0	A005A0A0	1	2902	STD	SYSTEMS	SYS005	CIMS.SYSTEMS.A005A0.	4	3
A005A0								4	3
A006A0	A006A0A0	1	3061	STD	SYSTEMS	SYS012	CIMS.SYSTEMS.A006A0.	4	2
A006A0	A006A0A0	1	3061	STD	SYSTEMS	SYS012	CIMS.SYSTEMS.A006A0.	2	1
....
....
A006A0	A006A0A0	3	3061	STD	SYSTEMS	SYSUT2	CIMS.SYSTEMS.A006A0.	250	229
A006A0	A006A0A0	3	3061	STD	SYSTEMS	SORTOUT	CIMS.SYSTEMS.A006A0.	250	229
A006A0	A006A0A0	3	3061	STD	SYSTEMS	SYSUT2	CIMS.SYSTEMS.A006A0.	81	74
A006A0								1,463	1,200
....
....
....
SYSDRPIC	STEP01	N	1212	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.SYSDRPI	16	8
SYSDRPIC								16	8
UPERR764	ADDMEMBR	K	3054	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.UPERR76	3	2
UPERR764	JES2	K	3054	STD	SYSTEMS	JESMSG LG	CIMS.SYSTEMS.UPERR76	3	2
UPERR764	JES2	K	3054	STD	SYSTEMS	JESJCL	CIMS.SYSTEMS.UPERR76	2	1
UPERR764	JES2	K	3054	STD	SYSTEMS	JESYSMSG	CIMS.SYSTEMS.UPERR76	2	1
UPERR764								10	6
TOTALS.....								70,202	50,115

SPWTR110

JES2 Detail Report by JOBNAME

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR110)

CIMSACCT DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 06
- PROCESSES SUBTYPE 02: JES2 PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE: JOBNAME

JOB START DATE
SYSOUT CLASS
JOB NUMBER
SNA ATTACHED PRINTERS
FORM NUMBER
USER ID
PHYSICAL PAGE COUNT
NUMBER OF COPIES GROUP 1
NUMBER OF COPIES GROUP 2

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC006-RECORD
TITLE: 'CIMSACCT ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'JES2 PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC006-REC-TYPE = 06 AND
            CIMRC006-SMF6SBS = 02)
COMPUTE: GROUP-COPY1 = #MAKENUM(CIMRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(CIMRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY1)
          ELSE
          ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(CIMRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(CIMRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY2)
          ELSE
          ASSIGN(0)
COLUMNS:
  CIMRC006-JOBNAME('JOB NAME')
  CIMRC006-WGREG-STR-DATE('JOB START|DATE')
  CIMRC006-SYSOUT-CLASS('SYSOUT|CLASS')
  CIMRC006-SMF6JNM('JOB|NUMBER')
  CIMRC006-SMF6OUT('SNA ATTACHED|PRINTER')
  CIMRC006-SMF6EFMN('FORM|NUMBER')
  CIMRC006-SMF6USID('USER ID')
  CIMRC006-SMF6PGE(PIC'ZZZ,ZZ9' 'PAGE COUNT')
  COPY-GROUP1(PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
  COPY-GROUP2(PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: CIMRC006-JOBNAME
BREAK: CIMRC006-JOBNAME
      TOTAL(CIMRC006-JOBNAME)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```


SPWTR110

JES2 Detail Report by JOBNAME

CIMSACCT		CIMS JOB ACCOUNTING SYSTEM						PAGE		1
JES2 PRINT RECORD DETAIL REPORT										
JOB NAME	JOB START DATE	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2	
A039A0	05/10/96	C	3067	PRT1	1CHK	SYSTEMS	455	0	0	
A039A0							455	0	0	
A046A0	05/10/96	D	2966	PRT1	2CHK	SYSTEMS	1	0	0	
A046A0	05/10/96	H	2966	PRT1	HFCE	SYSTEMS	0	0	0	
A046A0	05/10/96	H	2966	PRT1	HFCE	SYSTEMS	1	0	0	
A046A0							2	0	0	
A049A0	05/10/96	C	3004	PRT1	1CKS	SYSTEMS	1	0	0	
A049A0	05/10/96	G	3004	PRT1	GMLB	SYSTEMS	1	0	0	
A049A0							2	0	0	
A051A0	05/10/96	D	3005	PRT1	2CHK	SYSTEMS	1	0	0	
A051A0	05/10/96	G	3005	PRT1	GMLB	SYSTEMS	1	0	0	
A051A0							2	0	0	
A052A0	05/10/96	G	2924	PRT1	GMLB	SYSTEMS	1	0	0	
A052A0							1	0	0	
A053A0	05/10/96	W	2922	PRT1	3MBC	SYSTEMS	1,308	0	0	
A053A0							1,308	0	0	
A058A0	05/10/96	C	3132	PRT1	1CHK	SYSTEMS	1	0	0	
A058A0	05/10/96	D	3132	PRT1	2CHK	SYSTEMS	1	0	0	
A058A0	05/10/96	H	3132	PRT1	INDX	SYSTEMS	9	0	0	
A058A0							11	0	0	
A158A0	05/10/96	C	3148	PRT1	1CHK	SYSTEMS	1	0	0	
A158A0							1	0	0	
A265A0	05/10/96	D	3152	PRT1	2CHK	SYSTEMS	1	0	0	
A265A0							1	0	0	
B618A0	05/10/96	C	2984	PRT1	1CHK	SYSTEMS	1	0	0	
B618A0	05/10/96	G	2984	PRT1	GMLB	SYSTEMS	1	0	0	
B618A0							2	0	0	
B858A0	05/10/96	G	2981	PRT1	GMLB	SYSTEMS	1	0	0	
B858A0							1	0	0	
D273A0	05/10/96	9	2799	R2.PU1	STD	SYSTEMS	5	0	0	
D273A0							5	0	0	
D443A0	05/08/96	9	1068	R2.PU1	STD	SYSTEMS	1	0	0	
D443A0							1	0	0	
TOTALS.....							1,792	0	0	

SPWTR111

JES3 Detail Report by JOBNAME

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR111)

CIMSACCT DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 06
- PROCESSES SUBTYPE 05: JES3 PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE: JOBNAME

JOB START DATE
SYSOUT CLASS
JOB NUMBER
SNA ATTACHED PRINTERS
FORM NUMBER
USER ID
PHYSICAL PAGE COUNT
NUMBER OF COPIES GROUP 1
NUMBER OF COPIES GROUP 2

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC006-RECORD
TITLE: 'CIMSACCT ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'JES3 PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC006-REC-TYPE = 06 AND
            CIMRC006-SMF6SBS = 05)
COMPUTE: GROUP-COPY1 = #MAKENUM(CIMRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(CIMRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY1)
          ELSE
          ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(CIMRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(CIMRC006-SMF6LN2 > 0)
          ASSIGN(GROUP-COPY2)
          ELSE
          ASSIGN(0)
COLUMNS:
  CIMRC006-JOBNAME('JOB NAME')
  CIMRC006-WGREG-STR-DATE('JOB START|DATE')
  CIMRC006-SYSOUT-CLASS('SYSOUT|CLASS')
  CIMRC006-SMF6JNM('JOB|NUMBER')
  CIMRC006-SMF6OUT('SNA ATTACHED|PRINTER')
  CIMRC006-SMF6EFMN('FORM|NUMBER')
  CIMRC006-SMF6USID('USER ID')
  CIMRC006-SMF6PGE(PIC'ZZZ,ZZ9' 'PAGE COUNT')
  COPY-GROUP1(PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
  COPY-GROUP2(PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: CIMRC006-JOBNAME
BREAK: CIMRC006-JOBNAME
      TOTAL(CIMRC006-JOBNAME)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

CIMSACCT		CIMS JOB ACCOUNTING SYSTEM					PAGE 1			
JES3 PRINT RECORD DETAIL REPORT										
JOB NAME	JOB START DATE	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2	
B039X00	05/10/96	C	3067	PRT1	1CHK	CIMSXXX0	455	0	0	
B039X00							455	0	0	
B046X00	05/10/96	D	2966	PRT1	2CHK	CIMSXXX0	1	0	0	
B046X00	05/10/96	H	2966	PRT1	HFCE	CIMSXXX0	0	0	0	
B046X00	05/10/96	H	2966	PRT1	HFCE	CIMSXXX0	1	0	0	
B046X00							2	0	0	
B051X00	05/10/96	D	3005	PRT1	2CHK	CIMSXXX0	1	0	0	
B051X00	05/10/96	G	3005	PRT1	GMLB	CIMSXXX0	1	0	0	
B051X00							2	0	0	
B052X00	05/10/96	G	2924	PRT1	GMLB	CIMSXXX0	1	0	0	
B052X00							1	0	0	
B053X00	05/10/96	W	2922	PRT1	3MBC	CIMSXXX0	1,308	0	0	
B053X00							1,308	0	0	
B058X00	05/10/96	C	3132	PRT1	1CHK	CIMSXXX0	1	0	0	
B058X00	05/10/96	D	3132	PRT1	2CHK	CIMSXXX0	1	0	0	
B058X00	05/10/96	H	3132	PRT1	INDX	CIMSXXX0	9	0	0	
B058X00							11	0	0	
B158X00	05/10/96	C	3148	PRT1	1CHK	CIMSXXX0	1	0	0	
B158X00							1	0	0	
B265X00	05/10/96	D	3152	PRT1	2CHK	CIMSXXX0	1	0	0	
B265X00							1	0	0	
B273X00	05/10/96	9	2799	R2.PU1	STD	CIMSXXX0	5	0	0	
B273X00							5	0	0	
B443X00	05/08/96	9	1068	R2.PU1	STD	CIMSXXX0	1	0	0	
B443X00							1	0	0	
B618X00	05/10/96	C	2984	PRT1	1CHK	CIMSXXX0	1	0	0	
B618X00	05/10/96	G	2984	PRT1	GMLB	CIMSXXX0	1	0	0	
B618X00							2	0	0	
B858X00	05/10/96	G	2981	PRT1	GMLB	CIMSXXX0	1	0	0	
B858X00							1	0	0	
TOTALS.....							1,792	0	0	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR112)

CIMSACCT DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 06
- PROCESSES SUBTYPE 00: EXTERNAL WRITER PRINT RECORD
- SORTED BY JOBNAME
- COLUMNS INCLUDE:
 - JOBNAME
 - JOB START DATE
 - SYSOUT CLASS
 - JOB NUMBER
 - FORM NUMBER
 - USER ID
 - PHYSICAL PAGE COUNT
 - NUMBER OF COPIES GROUP 1
 - NUMBER OF COPIES GROUP 2
- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC006-RECORD
TITLE: 'CIMSACCT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'EXTERNAL WRITER PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC006-REC-TYPE = 06 AND
            CIMRC006-SMF6SBS = 00)
COMPUTE: GROUP-COPY1 = #MAKENUM(CIMRC006-SMF6CPS1)
COMPUTE: COPY-GROUP1 = WHEN(CIMRC006-SMF6LN2 > 0)
            ASSIGN(GROUP-COPY1)
            ELSE
            ASSIGN(0)
COMPUTE: GROUP-COPY2 = #MAKENUM(CIMRC006-SMF6CPS2)
COMPUTE: COPY-GROUP2 = WHEN(CIMRC006-SMF6LN2 > 0)
            ASSIGN(GROUP-COPY2)
            ELSE
            ASSIGN(0)
COLUMNS:
CIMRC006-JOBNAME('JOB NAME')
CIMRC006-WGREG-STR-DATE('JOB START|NAME')
CIMRC006-SYSOUT-CLASS('SYSOUT|CLASS')
CIMRC006-SMF6JNM('JOB|NUMBER')
CIMRC006-SMF6OUT('SNA ATTACHED|PRINTER')
CIMRC006-SMF6EFMN('FORM|NUMBER')
CIMRC006-SMF6USID('USER ID')
CIMRC006-SMF6PGE(PIC'ZZZ,ZZ9' 'PAGE COUNT')
COPY-GROUP1(PIC'ZZZ,ZZ9' 'COPIES|GROUP1')
COPY-GROUP2(PIC'ZZZ,ZZ9' 'COPIES|GROUP2')
SORT: CIMRC006-JOBNAME
BREAK: CIMRC006-JOBNAME
            TOTAL(CIMRC006-JOBNAME)
BREAK: #GRAND
            TOTAL('TOTALS.....')
    
```

CIMSACCT		CIMS JOB ACCOUNTING SYSTEM						PAGE 1	
EXTERNAL WRITER PRINT RECORD DETAIL REPORT									
JOB NAME	JOB START NAME	SYSOUT CLASS	JOB NUMBER	SNA ATTACHED PRINTER	FORM NUMBER	USER ID	PAGE COUNT	COPIES GROUP1	COPIES GROUP2
G039W00	05/10/96	C	3067	PRT1	1CHK	CIMSXXX9	455	0	0
G039W00							455	0	0
G046W00	05/10/96	D	2966	PRT1	2CHK	CIMSXXX9	1	0	0
G046W00	05/10/96	H	2966	PRT1	HFCE	CIMSXXX9	0	0	0
G046W00	05/10/96	H	2966	PRT1	HFCE	CIMSXXX9	1	0	0
G046W00							2	0	0
G051W00	05/10/96	D	3005	PRT1	2CHK	CIMSXXX9	1	0	0
G051W00	05/10/96	G	3005	PRT1	GMLB	CIMSXXX9	1	0	0
G051W00							2	0	0
G052W00	05/10/96	G	2924	PRT1	GMLB	CIMSXXX9	1	0	0
G052W00							1	0	0
G053W00	05/10/96	W	2922	PRT1	3MBC	CIMSXXX9	1,308	0	0
G053W00							1,308	0	0
G058W00	05/10/96	C	3132	PRT1	1CHK	CIMSXXX9	1	0	0
G058W00	05/10/96	D	3132	PRT1	2CHK	CIMSXXX9	1	0	0
G058W00	05/10/96	H	3132	PRT1	INDX	CIMSXXX9	9	0	0
G058W00							11	0	0
G158W00	05/10/96	C	3148	PRT1	1CHK	CIMSXXX9	1	0	0
G158W00							1	0	0
G265W00	05/10/96	D	3152	PRT1	2CHK	CIMSXXX9	1	0	0
G265W00							1	0	0
G273W00	05/10/96	9	2799	R2.PU1	STD	CIMSXXX9	5	0	0
G273W00							5	0	0
G443W00	05/08/96	9	1068	R2.PU1	STD	CIMSXXX9	1	0	0
G443W00							1	0	0
G618W00	05/10/96	C	2984	PRT1	1CHK	CIMSXXX9	1	0	0
G618W00	05/10/96	G	2984	PRT1	GMLB	CIMSXXX9	1	0	0
G618W00							2	0	0
G858W00	05/10/96	G	2981	PRT1	GMLB	CIMSXXX9	1	0	0
G858W00							1	0	0
TOTALS.....							1,792	0	0

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR113)

CIMSACCT DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 06
- PROCESSES SUBTYPE 07: PSF PRINT RECORD
- SORTED BY JOBNAME

- COLUMNS INCLUDE: JOBNAME
- JOB START DATE
- SYSOUT CLASS
- JOB NUMBER
- SNA ATTACHED PRINTERS
- FORM NUMBER
- USER ID
- DD NAME
- DATASET NAME
- NUMBER OF SIDES OF SHEETS
- NUMBER OF FEET OF PAPER PRINTED

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMRC006-RECORD
TITLE: 'CIMSACCT' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'PSF PRINT RECORD DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC006-REC-TYPE = 06 AND
            CIMRC006-SMF6SBS = 07)
COMPUTE: SMF6IMPS = WHEN(CIMRC006-SMF6LN4 > 0 AND
                        CIMRC006-SMF6INDC > X'02')
            ASSIGN(CIMRC006-SMF6IMPS)
            ELSE
            ASSIGN(0)
COMPUTE: SMF6FEET = WHEN(CIMRC006-SMF6LN4 > 0)
            ASSIGN(CIMRC006-SMF6FEET)
            ELSE
            ASSIGN(0)
COLUMNS:
    CIMRC006-JOBNAME('JOB NAME')
    CIMRC006-WGREG-STR-DATE('JOB START|NAME')
    CIMRC006-SYSOUT-CLASS('SYSOUT|CLASS')
    CIMRC006-SMF6JNM('JOB|NUMBER')
    CIMRC006-SMF6EFMN('FORM|NUMBER')
    CIMRC006-SMF6USID('USER ID')
    CIMRC006-SMF6DDNM('DD NAME')
    CIMRC006-SMF6DSNM(20 'DATASET|NAME')
    CIMRC006-SMF6IMPS(PIC'ZZZ,ZZ9' 'NUM OF SIDES|OF SHEETS')
    CIMRC006-SMF6FEET(PIC'ZZZ,ZZ9' 'NUM OF FEET|OF PAPER')
SORT: CIMRC006-JOBNAME
BREAK: CIMRC006-JOBNAME
        TOTAL(CIMRC006-JOBNAME)
BREAK: #GRAND
        TOTAL('TOTALS.....')
```

CIMSACCT		CIMS JOB ACCOUNTING SYSTEM PSF PRINT RECORD DETAIL REPORT							PAGE	1
JOB NAME	JOB START DATE	SYSOUT CLASS	JOB NUMBER	FORM NUMBER	USER ID	DD NAME	DATASET NAME	NUM OF SIDES OF SHEETS	NUM OF FEET OF PAPER	
ARPRO126	05/10/96	K	2923	STD	SYSTEMS	JESMSG LG	CIMS.SYSTEMS.ARPRO12	3	2	
ARPRO126	05/10/96	K	2923	STD	SYSTEMS	JESJCL	CIMS.SYSTEMS.ARPRO12	2	1	
ARPRO126	05/10/96	K	2923	STD	SYSTEMS	JESYSMSG	CIMS.SYSTEMS.ARPRO12	2	1	
ARPRO126	05/10/96	K	2923	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.ARPRO12	7	4	
ARPRO126								14	8	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	3	2	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYSOUT	CIMS.SYSTEMS.A002A0.	108	50	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYSLST	CIMS.SYSTEMS.A002A0.	8	4	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	2	1	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	1	1	
A002A0	05/10/96	1	2875	STD	SYSTEMS	SYS009	CIMS.SYSTEMS.A002A0.	2	2	
A002A0								126	62	
A003A0	05/10/96	1	2829	STD	SYSTEMS	SYS007	CIMS.SYSTEMS.A003A0.	6	4	
A003A0								6	4	
A005A0	05/10/96	1	2902	STD	SYSTEMS	SYS005	CIMS.SYSTEMS.A005A0.	4	3	
A005A0								4	3	
A006A0	05/10/96	1	3061	STD	SYSTEMS	SYS012	CIMS.SYSTEMS.A006A0.	3	2	
A006A0	05/10/96	1	3061	STD	SYSTEMS	SYS012	CIMS.SYSTEMS.A006A0.	4	2	
....	
....	
A006A0	05/10/96	3	3061	STD	SYSTEMS	SORTOUT	CIMS.SYSTEMS.A006A0.	250	229	
A006A0	05/10/96	3	3061	STD	SYSTEMS	SYSUT2	CIMS.SYSTEMS.A006A0.	81	74	
A006A0								1,463	1,200	
....	
....	
....	
SYSDRPIC	05/08/96	N	1212	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.SYSDRPI	16	8	
SYSDRPIC								16	8	
UPERR764	05/10/96	K	3054	STD	SYSTEMS	JESMSG LG	CIMS.SYSTEMS.UPERR76	3	2	
UPERR764	05/10/96	K	3054	STD	SYSTEMS	JESJCL	CIMS.SYSTEMS.UPERR76	2	1	
UPERR764	05/10/96	K	3054	STD	SYSTEMS	JESYSMSG	CIMS.SYSTEMS.UPERR76	2	1	
UPERR764	05/10/96	K	3054	STD	SYSTEMS	SYSPRINT	CIMS.SYSTEMS.UPERR76	3	2	
UPERR764								10	6	
TOTALS.....								70,202	50,115	

SPWTR140

CIMSDB2 Record Type 994 Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR140)

CIMSDB2 REPORT BY SYSTEM ID, ACCOUNT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSDB2 DDNAME CIMSACCT
- PROCESSES RECORD TYPE 994
- SORTED BY SYSTEM ID, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID
ACCOUNT CODE
AUTHORIZATION CODE
TRANSACTION DATE
NUMBER OF DB2 TRANSACTIONS
TRANSACTION CPU TIME
ACCUMULATED CPU TIME
TRANSACTION ELAPSED TIME
ACCUMULATED ELAPSED TIME
DB2 I/O ACTIVITY (GET PAGES)
DB2 ENTRY/EXIT EVENTS
- CONTROL BREAK ON ACCOUNT CODE, SYSTEM ID

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC994-RECORD
TITLE: 'SPWTR140' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE# #PAGENUM
TITLE: / 'DB2 ACCOUNT SUMMARY REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC994-REC-TYPE = 994)
COLUMNS:
  CIMRC994-SYSTEM-ID('SYS|ID')
  CIMRC994-ACT1('ACCOUNT|CODE')
  CIMRC994-JOBNAME('AUTHORIZATION|ID')
  CIMRC994-DATE-OF-TRANS('TRANS|DATE')
  CIMRC994-NUM-OF-DB2-TRANS(PIC'ZZZZ,ZZ9' 'NUM OF|DB2|TRANS')
  CIMRC994-TRANS-CPU-TIME(PIC'ZZZZZ,ZZ9.99' 'TRANS|CPU|TIME')
  CIMRC994-ACCUM-CPU-TIME(PIC'ZZZZZ,ZZ9.99' 'ACCUM|CPU|TIME')
  CIMRC994-TRANS-ELAPSED(PIC'ZZZZZ,ZZ9.99' 'TRANS|ELAPSED|TIME')
  CIMRC994-ACCUM-ELAPSED(PIC'ZZZZZ,ZZ9.99' 'ACCUM|ELAPSED|TIME')
  CIMRC994-NUM-OF-GETS(PIC'ZZZZ,ZZ9' 'NUM OF|GETS')
  CIMRC994-NUM-OF-ENTRY(PIC'ZZZZ,ZZ9' 'NUM OF|ENTRY')
SORT: CIMRC994-SYSTEM-ID CIMRC994-ACT1
BREAK: CIMRC994-ACT1
      TOTAL(CIMRC994-SYSTEM-ID CIMRC994-ACT1)
BREAK: CIMRC994-SYSTEM-ID
      TOTAL(CIMRC994-SYSTEM-ID)
BREAK: #GRAND
      TOTAL('TOTALS...')
```


SPWTR140

CIMSDB2 Record Type 994 Report

SPWTR140

CIMS JOB ACCOUNTING SYSTEM
DB2 ACCOUNT SUMMARY REPORT

PAGE 1

SYS ID	ACCOUNT CODE	AUTHORIZATION ID	TRANS DATE	NUM OF DB2 TRANS	TRANS CPU TIME	ACCUM CPU TIME	TRANS ELAPSED TIME	ACCUM ELAPSED TIME	NUM OF GETS	NUM OF ENTRY
DB2A	0098CCCC	CICSPTTS	10/27/95	17	5.65	0.00	198.56	0.00	9,676	0
DB2A	0098CCCC	CICSPTTS	10/27/95	7	0.23	0.00	1.20	0.00	20	0
DB2A	0098CCCC	CICSPTTS	10/27/95	11	0.32	0.00	7.38	0.00	318	0
DB2A	0098CCCC	CICSPTTS	10/27/95	28	0.68	0.00	11.65	0.00	561	0
DB2A	0098CCCC	CICSPTTS	10/27/95	27	2.23	0.00	27.52	0.00	2,219	0
DB2A	0098CCCC			90	9.11	0.00	246.31	0.00	12,794	0
DB2A	0098DDDD	DBAWMD	10/27/95	2	0.17	0.00	14.06	0.00	142	0
DB2A	0098DDDD	DBWMD	10/27/95	19	16.32	0.00	264.32	0.00	34,142	0
DB2A	0098DDDD			21	16.49	0.00	278.38	0.00	34,284	0
DB2A	0098O000	OPTAS	10/27/95	6	13.66	0.00	180.63	0.00	30,828	0
DB2A	0098O000	OPTAS	10/27/95	53	9.90	0.00	1,563.58	0.00	8,581	0
DB2A	0098O000	OPTAS	10/27/95	15	9.92	0.00	985.63	0.00	19,198	0
DB2A	0098O000	OPTAS	10/27/95	8	1.43	0.00	177.56	0.00	1,456	0
DB2A	0098O000			82	34.91	0.00	2,907.40	0.00	60,063	0
DB2A	0098PPPP	PGMSM	10/27/95	166	12.43	0.00	258.82	0.00	9,882	0
DB2A	0098PPPP	PGSLK	10/27/95	4	0.20	0.00	47.34	0.00	101	0
DB2A	0098PPPP	PGSLK	10/27/95	2	0.15	0.00	378.13	0.00	42	0
DB2A	0098PPPP	PGSLK	10/27/95	1	271.15	0.00	732.14	0.00	313,188	0
DB2A	0098PPPP			173	283.93	0.00	1,416.43	0.00	323,213	0
DB2A				366	344.44	0.00	4,848.52	0.00	430,354	0
DB2T	0098DDDD	DBWMD	10/27/95	1	0.03	0.00	7.15	0.00	17	0
DB2T	0098DDDD	DBWMD	10/27/95	4	0.32	0.00	147.27	0.00	156	0
DB2T	0098DDDD	DBWMD	10/27/95	1	1.39	0.00	54.98	0.00	2,763	0
DB2T	0098DDDD	DBWMD	10/27/95	19	3.58	0.00	186.25	0.00	4,147	0
DB2T	0098DDDD	DBWMD	10/27/95	3	0.29	0.00	7.54	0.00	183	0
DB2T	0098DDDD	DBWMD	10/27/95	3	9.66	0.00	466.10	0.00	10,484	0
DB2T	0098DDDD	DBWMD	10/27/95	1	0.16	0.00	2.73	0.00	313	0
DB2T	0098DDDD			32	15.43	0.00	872.02	0.00	18,063	0
DB2T	0098O000	OPTAS	10/27/95	6	17.02	0.00	301.53	0.00	38,822	0
DB2T	0098O000	OPTAS	10/27/95	58	15.05	0.00	2,237.65	0.00	18,306	0
DB2T	0098O000	OPTAS	10/27/95	8	1.92	0.00	173.83	0.00	2,442	0
DB2T	0098O000	OPTAS	10/27/95	15	18.40	0.00	1,636.65	0.00	39,480	0
DB2T	0098O000			87	52.39	0.00	4,349.66	0.00	99,050	0
DB2T				119	67.82	0.00	5,221.68	0.00	117,113	0
TOTALS...				485	412.26	0.00	10,070.20	0.00	547,467	0

SPWTR141

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR141)

DB2 DETAIL RECORD SUMMARY REPORT BY SYSTEM ID, ACCOUNT CODE, AUTHORIZATION ID, AND PLAN NAME:
- RECORDS PRODUCED BY PROGRAM CIMSDB2 DDNAME DB2RECS
- PROCESSES DB2 SMF RECORDS 101
- SORTED BY SYSTEM ID, ACCOUNT CODE, AUTHORIZATION ID, PLAN NAME
- COLUMNS INCLUDE: SYSTEM ID

ACCOUNT CODE
AUTHORIZATION ID
PLAN NAME
TRANSACTION DATE
NUMBER OF DB2 TRANSACTIONS
TRANSACTION CPU TIME
ACCUMULATED TRANSACTION CPU TIME
TRANSACTION ELAPSED TIME
ACCUMULATED ELAPSED TIME
NUMBER OF DB2 GETS
NUMBER OF DB2 EXIT/ENTRIES
- CONTROL BREAK ON SYSTEM ID, ACCOUNT CODE, AUTHORIZATION ID, PLAN NAME

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: DB2RECS0-DETAIL
TITLE: 'PGM: SPWTR141' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DB2 DETAIL REPORT USING CIMS DB2RECS' /
TITLE: ' '
*****
* THE FOLLOWING SECTION IS USED TO DEFINE THE ACCOUNT CODE
*****
COMPUTE: ACCT-CODE-POS1 = #SUBSTR(DB2RECS0-QWHCAID,1,1)
COMPUTE: DB2RECS0-ACCOUNT-CODE =
  WHEN(ACCT-CODE-POS1 = 'A')
    ASSIGN('0098AAAA')
  WHEN(ACCT-CODE-POS1 = 'C')
    ASSIGN('0098CCCC')
  WHEN(ACCT-CODE-POS1 = 'D')
    ASSIGN('0098DDDD')
  WHEN(ACCT-CODE-POS1 = 'O')
    ASSIGN('0098OOOO')
  WHEN(ACCT-CODE-POS1 = 'P')
    ASSIGN('0098PPPP')
  ELSE
    ASSIGN('NO MATCH')
COMPUTE: DB2RECS0-TRANS-DATE = #FORMAT(DB2RECS0-SM101DTE)
COMPUTE: DB2RECS0-TRAN-COUNT = 1
COMPUTE: CPU-TOTAL(6) =
  WHEN(DB2RECS0-QWA01R1N = 1 AND DB2RECS0-QWACRINV < 13)
    ASSIGN((DB2RECS0-QWACEJST-TIME - DB2RECS0-QWACBJST-TIME) +
      (DB2RECS0-QWACESRB-TIME - DB2RECS0-QWACBSRB-TIME))
  ELSE
    ASSIGN(0)
COMPUTE: DB2RECS0-TRANS-CPU(6) =
  WHEN(DB2RECS0-QWA01R1N = 1 AND DB2RECS0-QWACRINV < 13)
    ASSIGN(CPU-TOTAL/62500)
  ELSE
    ASSIGN(0)
```

(continued...)

DB2 Detail Records Summary Report

(Control Statements continued...)

```
COMPUTE: DB2RECS0-ACCUM-CPU(4) =
  WHEN(DB2RECS0-QWA01R1N = 1 AND DB2RECS0-QWACRINV < 13)
    ASSIGN((DB2RECS0-QWACAJST-TIME + DB2RECS0-QWACASRB-
  TIME)/62500)
  ELSE
    ASSIGN(0)
COMPUTE: DB2RECS0-TRANS-ELP(4) =
  WHEN(DB2RECS0-QWA01R1N = 1)
    ASSIGN((DB2RECS0-QWACESC-TIME - DB2RECS0-QWACBSC-
  TIME)/62500)
  ELSE
    ASSIGN(0)
COMPUTE: DB2RECS0-ACCUM-ELP(4) =
  WHEN(DB2RECS0-QWA01R1N = 1)
    ASSIGN(DB2RECS0-QWACASC-TIME / 62500)
  ELSE
    ASSIGN(0)
COMPUTE: DB2RECS0-GETS =
  WHEN(DB2RECS0-QWA01R3N = 1)
    ASSIGN(DB2RECS0-QBACGET-1)
  WHEN(DB2RECS0-QWA01R3N = 2)
    ASSIGN(DB2RECS0-QBACGET-1 + DB2RECS0-QBACGET-2)
  ELSE
    ASSIGN(DB2RECS0-QBACGET-1 + DB2RECS0-QBACGET-2 +
    DB2RECS0-QBACGET-3 + DB2RECS0-QBACGET-4 +
    DB2RECS0-QBACGET-5)
  ELSE
    ASSIGN(0)
COMPUTE: DB2RECS0-NUM-ENTRIES =
  WHEN(DB2RECS0-QWA01R1N = 1)
    ASSIGN(DB2RECS0-QWACARNA)
  ELSE
    ASSIGN(0)
COLUMN:
  DB2RECS0-SM101SSI('SYS|ID')
  DB2RECS0-ACCOUNT-CODE('ACCOUNT|CODE')
  DB2RECS0-QWHCAID('AUTH ID')
  DB2RECS0-QWHCPLAN('PLAN NAME')
  DB2RECS0-TRANS-DATE('TRANS|DATE')
  DB2RECS0-TRAN-COUNT(PIC'ZZZ,ZZZ,ZZ9','NUM OF|DB2|TRANS')
  DB2RECS0-TRANS-CPU(PIC'ZZZ,ZZ9.99','TRANS CPU TIME')
  DB2RECS0-ACCUM-CPU(PIC'ZZZ,ZZ9.99','ACCUM CPU TIME')
  DB2RECS0-TRANS-ELP(PIC'ZZZ,ZZ9.99','TRANS ELAPSED TIME')
  DB2RECS0-ACCUM-ELP(PIC'ZZZ,ZZ9.99','ACCUM ELAPSED TIME')
  DB2RECS0-GETS(PIC'ZZZ,ZZ9','NUM OF|GETS')
  DB2RECS0-NUM-ENTRIES(PIC'ZZ,ZZZ,ZZ9','NUM OF|ENTRIES')
SORT: DB2RECS0-SM101SSI DB2RECS0-ACCOUNT-CODE
      DB2RECS0-QWHCAID DB2RECS0-QWHCPLAN
BREAK: DB2RECS0-QWHCPLAN
      TOTAL(DB2RECS0-SM101SSI
            DB2RECS0-ACCOUNT-CODE
            DB2RECS0-QWHCAID
            DB2RECS0-QWHCPLAN)
BREAK: DB2RECS0-QWHCAID
      TOTAL(DB2RECS0-SM101SSI
            DB2RECS0-ACCOUNT-CODE
            DB2RECS0-QWHCAID)
BREAK: DB2RECS0-ACCOUNT-CODE
      TOTAL(DB2RECS0-SM101SSI
            DB2RECS0-ACCOUNT-CODE)
BREAK: DB2RECS0-SM101SSI
      TOTAL(DB2RECS0-SM101SSI)
BREAK: #GRAND
      TOTAL('TOTALS...')
```

SPWTR141

DB2 Detail Records Summary Report

SPWTR141		CIMS JOB ACCOUNTING SYSTEM										PAGE	1
		DB2 DETAIL REPORT USING CIMS DB2RECS											
SYS ID	ACCOUNT CODE	AUTH ID	PLAN NAME	TRANS DATE	NUM OF DB2 TRANS	TRANS CPU TIME	ACCUM CPU TIME	TRANS ELAPSED TIME	ACCUM ELAPSED TIME	NUM OF GETS	NUM OF ENTRIES		
DB2A	0098CCCC	CICSPTTS	PRLM00B		90	9.13	0.00	246.33	0.00	13,108	0		
DB2A	0098CCCC	CICSPTTS			90	9.13	0.00	246.33	0.00	13,108	0		
DB2A	0098CCCC				90	9.13	0.00	246.33	0.00	13,108	0		
DB2A	0098PPPP	PGMSM	QMF310		166	12.43	0.00	258.82	0.00	9,882	0		
DB2A	0098PPPP	PGMSM			166	12.43	0.00	258.82	0.00	9,882	0		
DB2A	0098PPPP	PGSLK	DSNBIND		1	271.16	0.00	732.15	0.00	313,188	0		
DB2A	0098PPPP	PGSLK	RUPU0302		4	0.21	0.00	47.35	0.00	103	0		
DB2A	0098PPPP	PGSLK	SQPE0104		2	0.16	0.00	378.14	0.00	42	0		
DB2A	0098PPPP	PGSLK			7	271.53	0.00	1,157.63	0.00	313,333	0		
DB2A	0098PPPP				173	283.96	0.00	1,416.46	0.00	323,215	0		
DB2A					263	293.10	0.00	1,662.79	0.00	367,323	0		
DB2T	0098DDDD	DEWMD	DSNBIND		1	0.17	0.00	2.73	0.00	313	0		
DB2T	0098DDDD	DEWMD	DSNUTIL		19	3.59	0.00	186.26	0.00	4,147	0		
DB2T	0098DDDD	DEWMD	RDPC0200		1	0.04	0.00	7.15	0.00	17	0		
DB2T	0098DDDD	DEWMD	RDPP0200		7	0.62	0.00	154.83	0.00	339	0		
DB2T	0098DDDD	DEWMD	RDPS0200		4	11.06	0.00	521.09	0.00	13,247	0		
DB2T	0098DDDD	DEWMD			32	15.48	0.00	872.06	0.00	18,063	0		
DB2T	0098DDDD				32	15.48	0.00	872.06	0.00	18,063	0		
DB2T	0098O000	OPTAS	DSNUTIL		87	52.40	0.00	4,349.69	0.00	99,050	0		
DB2T	0098O000	OPTAS			87	52.40	0.00	4,349.69	0.00	99,050	0		
DB2T	0098O000				87	52.40	0.00	4,349.69	0.00	99,050	0		
DB2T	0098PPPP	PGJTW	DSNBIND		21	3.55	0.00	68.25	0.00	6,274	0		
DB2T	0098PPPP	PGJTW	LMB800		2	0.08	0.00	2.24	0.00	53	0		
DB2T	0098PPPP	PGJTW	LMIS00		10	0.81	0.00	9.12	0.00	1,470	0		
DB2T	0098PPPP	PGJTW	SQPE0104		18	1.44	0.00	40.75	0.00	5,728	0		
DB2T	0098PPPP	PGJTW			51	5.89	0.00	120.36	0.00	13,525	0		
DB2T	0098PPPP	PGLAJ	DSNBIND		9	6.76	0.00	64.45	0.00	11,823	0		
DB2T	0098PPPP	PGLAJ	LMIS00		176	12.47	0.00	115.57	0.00	7,555	0		
DB2T	0098PPPP	PGLAJ			185	19.23	0.00	180.02	0.00	19,378	0		
DB2T	0098PPPP				236	25.12	0.00	300.38	0.00	32,903	0		
DB2T					355	93.00	0.00	5,522.13	0.00	150,016	0		
TOTALS...					618	386.10	0.00	7,184.92	0.00	517,339	0		

SPWTR142

DB2 Detail Report Using SMF 101 Records

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR142)

DB2 DETAIL RECORD SUMMARY REPORT BY SYSTEM ID, AUTHORIZATION ID

- RECORDS PRODUCED BY PROGRAM CIMS DATA DDNAME CIMSDB2
- PROCESSES DB2 SMF RECORDS 101
- SORTED BY SYSTEM ID, AUTHORIZATION ID
- COLUMNS INCLUDE: SYSTEM ID
 AUTHORIZATION ID
 TRANSACTION DATE
 NUMBER OF DB2 TRANSACTIONS
 TRANSACTION CPU TIME
 ACCUMULATED TRANSACTION CPU TIME
 TRANSACTION ELAPSED TIME
 ACCUMULATED ELAPSED TIME
 NUMBER OF DB2 GETS
 NUMBER OF DB2 EXIT/ENTRIES
- CONTROL BREAK ON SYSTEM ID, AUTHORIZATION ID

REPORT WRITER CONTROL STATEMENTS

```

OPTIONS: KEEPRDW
INPUT: SMF101-RECORD
COMPUTE: TRANS-DATE = #FORMAT(SM101DTE)
*****
* FOLLOWING SECTION DEFINES THE RESOURCE USAGES TO BE REPORTED ON.
* NOTE: DIVISIONS BY 62500 ARE CONVERTING MICROSECONDS TO SECONDS
*****
COMPUTE: TRAN-COUNT = 1
COMPUTE: CPU-TOTAL(6) =
  WHEN(QWA01R1N = 1 AND QWACRINV < 13)
    ASSIGN((QWACEJST-TIME - QWACBJST-TIME) +
           (QWACESRB-TIME - QWACBSRB-TIME))
  ELSE
    ASSIGN(0)
COMPUTE: TRANS-CPU(6) =
  WHEN(QWA01R1N = 1 AND QWACRINV < 13)
    ASSIGN(CPU-TOTAL/62500)
  ELSE
    ASSIGN(0)
COMPUTE: ACCUM-CPU(4) =
  WHEN(QWA01R1N = 1 AND QWACRINV < 13)
    ASSIGN((QWACAJST-TIME + QWACASRB-TIME)/62500)
  ELSE
    ASSIGN(0)
COMPUTE: TRANS-ELP(4) =
  WHEN(QWA01R1N = 1)
    ASSIGN((QWACESC-TIME - QWACBSC-TIME)/62500)
  ELSE
    ASSIGN(0)
  
```

(continued...)

(Control Statements continued...)

```

COMPUTE: ACCUM-ELP(4) =
  WHEN(QWA01R1N = 1)
    ASSIGN(QWACASC-TIME / 62500)
  ELSE
    ASSIGN(0)
*****
* THE FOLLOWING IS AN EXAMPLE OF A RECORD THAT CONTAINS MORE THAN
* ONE INSTANCE OF THE QBAC SEGMENT. THE QWA01R3N VALUE IS CHECKED
* AND EACH OF THE SECTIONS ARE ADDED TOGETHER TO ARRIVE AT THE
* TOTAL "GETS" VALUE. THIS SAME LOGIC SHOULD BE USED ON ANY SEGMENTS
* THAT CONTAIN MULTIPLE SECTIONS OF A PARTICULAR SEGMENT. THE R_N
* VALUE SHOULD BE CHECKED FOR ALL SEGMENTS. IT IS USUALLY 1, BUT
* CAN BE LARGER AND A SEPARATE WHEN CLAUSE SHOULD BE CREATED FOR
* EACH INSTANCE.
*****
COMPUTE: GETS =
  WHEN(QWA01R3N = 1)
    ASSIGN(QBACGET-1)
  WHEN(QWA01R3N = 2)
    ASSIGN(QBACGET-1 + QBACGET-2)
  ELSE
    ASSIGN(0)
COMPUTE: NUM-ENTRIES =
  WHEN(QWA01R1N = 1)
    ASSIGN(QWACARNA)
  ELSE
    ASSIGN(0)

TITLE: 'PGM: SPWTR142' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'DB2 DETAIL REPORT USING UNCONVERTED SMF 101 RECORDS' /
TITLE: ' '

COLUMN:
  SM101SSI('SYS|ID')
  QWHCAID('AUTHORIZATION|ID')
  TRANS-DATE('TRANS|DATE')
  TRAN-COUNT(PIC'ZZZ,ZZZ,ZZ9','NUM OF|DB2|TRANS')
  TRANS-CPU(PIC'ZZZ,ZZ9.99','TRANS|CPU|TIME')
  ACCUM-CPU(PIC'ZZZ,ZZ9.99','ACCUM|CPU|TIME')
  TRANS-ELP(PIC'ZZZ,ZZ9.99','TRANS|ELAPSED|TIME')
  ACCUM-ELP(PIC'ZZZ,ZZ9.99','ACCUM|ELAPSED|TIME')
  GETS(PIC'ZZZ,ZZ9','NUM OF|GETS')
  NUM-ENTRIES(PIC'ZZ,ZZZ,ZZ9','NUM OF|ENTRIES')

SORT: SM101SSI QWHCAID
BREAK: QWHCAID
      TOTAL(SM101SSI QWHCAID)
      FOOTING(' ')
BREAK: SM101SSI
      TOTAL(SM101SSI)
      FOOTING(' ')
BREAK: #GRAND
      TOTAL('TOTALS...')
  
```

SPWTR142

DB2 Detail Report Using SMF 101 Records

PGM: SPWTR142		CIMS JOB ACCOUNTING SYSTEM						PAGE 1	
DB2 DETAIL REPORT USING UNCONVERTED SMF 101 RECORDS									
SYS ID	AUTHORIZATION ID	TRANS DATE	NUM OF DB2 TRANS	TRANS CPU TIME	ACCUM CPU TIME	TRANS ELAPSED TIME	ACCUM ELAPSED TIME	NUM OF GETS	NUM OF ENTRIES
DB2A	CICSPTTS	10/27/95	1	0.37	0.00	5.66	0.00	723	0
DB2A	CICSPTTS	10/27/95	1	0.02	0.00	3.74	0.00	9	0
DB2A	CICSPTTS	10/27/95	1	0.03	0.00	0.51	0.00	27	0
DB2A	CICSPTTS	10/27/95	1	0.02	0.00	0.22	0.00	20	0
DB2A	CICSPTTS	10/27/95	1	0.03	0.00	0.12	0.00	29	0
DB2A	CICSPTTS	10/27/95	1	0.10	0.00	2.24	0.00	111	0
DB2A	CICSPTTS	10/27/95	1	0.10	0.00	1.12	0.00	77	0
DB2A	CICSPTTS	10/27/95	1	0.01	0.00	0.04	0.00	10	0
DB2A	CICSPTTS	10/27/95	1	0.06	0.00	0.22	0.00	59	0
DB2A	CICSPTTS	10/27/95	1	0.10	0.00	1.17	0.00	74	0
DB2A	CICSPTTS	10/27/95	1	0.01	0.00	0.10	0.00	9	0
DB2A	CICSPTTS	10/27/95	1	0.06	0.00	0.46	0.00	64	0
DB2A	CICSPTTS	10/27/95	1	0.01	0.00	0.03	0.00	7	0
DB2A	CICSPTTS	10/27/95	1	0.03	0.00	0.14	0.00	28	0
DB2A	CICSPTTS	10/27/95	1	0.03	0.00	0.14	0.00	27	0
DB2A	CICSPTTS	10/27/95	1	0.02	0.00	0.16	0.00	22	0
DB2A	CICSPTTS	10/27/95	1	0.06	0.00	0.50	0.00	50	0
DB2A	CICSPTTS		17	1.06	0.00	16.57	0.00	1,348	0
DB2A	DBAWMD	10/27/95	1	0.16	0.00	11.29	0.00	134	0
DB2A	DBAWMD	10/27/95	1	0.01	0.00	2.78	0.00	8	0
DB2A	DBAWMD		2	0.17	0.00	14.06	0.00	142	0
DB2A	DBWMD	10/27/95	1	10.72	0.00	83.65	0.00	25,582	0
DB2A	DBWMD	10/27/95	1	2.46	0.00	36.21	0.00	5,348	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	8.34	0.00	128	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.91	0.00	131	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.49	0.00	127	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.53	0.00	126	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.64	0.00	133	0
DB2A	DBWMD	10/27/95	1	0.15	0.00	7.88	0.00	143	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.64	0.00	130	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.58	0.00	130	0
DB2A	DBWMD	10/27/95	1	0.14	0.00	7.46	0.00	132	0
DB2A	DBWMD	10/27/95	1	0.51	0.00	18.79	0.00	763	0
DB2A	DBWMD		12	14.96	0.00	208.12	0.00	32,873	0
DB2A			31	16.19	0.00	238.75	0.00	34,363	0
TOTALS...			31	16.19	0.00	238.75	0.00	34,363	0

SPWTR145

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR145)

CIMSIMS REPORT BY SYSTEM ID, RECORD NAME:

- RECORDS PRODUCED BY PROGRAM CIMSIMS DDNAME CIMSOUT
- PROCESSES RECORD TYPE 996 AND 997
- SORTED BY SYSTEM ID, RECORD NAME, ACCOUNT CODE
- COLUMNS INCLUDE: SYSTEM ID

RECORD TYPE
ACCOUNT CODE
NAME
TRANSACTION DATE
NUMBER OF DATABASE CALLS
TRANSACTION CPU TIME
RESPONSE TIME
DL/I CALLS
NUMBER OF MESSAGES PROCESSED
NUMBER OF MESSAGE QUEUE CALLS
NUMBER OF CMD & QCMD CALLS

- CONTROL BREAK ON RECORD TYPE, SYSTEM ID

CIMSIMS Record Type 996/997 Report

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC996-RECORD
TITLE: 'SPWTR160' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'IMS ACCOUNT SUMMARY REPORT' /
TITLE: ' '
INCLUDEIF: (CIMRC996-REC-TYPE = 996 OR
            CIMRC996-REC-TYPE = 997)
COMPUTE: REC-NAME = WHEN(CIMRC996-REC-TYPE = 996)
            ASSIGN('BATCH ')
            WHEN(CIMRC996-REC-TYPE = 997)
            ASSIGN('ONLINE')
COMPUTE: TRANS-EXEC-TIME = CIMRC996-TRANS-EXEC-TIME / 62500
COLUMNS:
CIMRC996-SYSTEM-ID('SYS|ID')
REC-NAME('RECORD|ID')
CIMRC996-ACT1('ACCOUNT|CODE')
CIMRC996-NAME('NAME')
CIMRC996-DATE-OF-TRANS('TRANS|DATE')
CIMRC996-NUM-OF-TRANS(PIC'ZZZZ,ZZ9' 'NUM OF|TRANS')
TRANS-EXEC-TIME(PIC'ZZZZZ,ZZ9.99' 'TRANS|CPU|TIME')
CIMRC996-RESPONSE-TIME(PIC'ZZZZZ,ZZ9.99' 'RESPONSE|TIME')
CIMRC996-DLI-CALLS(PIC'ZZZZ,ZZ9' 'DLI CALLS')
CIMRC996-NUM-OF-MESS-PRO(PIC'ZZZZ,ZZ9' 'NUM OF|MESS PRO')
CIMRC996-NUM-OF-MESS-QUE(PIC'ZZZZ,ZZ9' 'NUM OF|MESS QUE')
CIMRC996-NUM-OF-CMD-QCMD(PIC'ZZZZ,ZZ9' 'NUM OF|CMD/QCMD')
SORT: CIMRC996-SYSTEM-ID REC-NAME CIMRC996-ACT1
BREAK: REC-NAME
        TOTAL(CIMRC996-SYSTEM-ID REC-NAME)
BREAK: CIMRC996-SYSTEM-ID
        TOTAL(CIMRC996-SYSTEM-ID)
BREAK: #GRAND
        TOTAL('TOTALS...')
```

SPWTR145

CIMSIMS Record Type 996/997 Report

SPWTR145		CIMS JOB ACCOUNTING SYSTEM IMS ACCOUNT SUMMARY REPORT										PAGE 1
SYS ID	RECORD ID	ACCOUNT CODE	NAME	TRANS DATE	NUM OF TRANS	TRANS CPU TIME	RESPONSE TIME	DLI	CALLS	NUM OF MESS PRO	NUM OF MESS QUE	NUM OF CMD/QCMD
IMST	BATCH	85010114	IMS 3.1X	04/20/96	1	0.10	0.00		0	0	0	1,779
IMST	BATCH				1	0.10	0.00		0	0	0	1,779
IMST	ONLINE		IMS 3.1X	04/20/96	223	61.77	0.00		704	223	678	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	1	0.15	17.68		0	1	3	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	5	0.23	1,253.34		0	5	15	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	15	1.03	7.15		0	15	45	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	3	0.05	0.00		0	3	9	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	1	0.12	0.00		0	1	3	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	12	0.74	66.90		0	12	36	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	5	0.43	0.00		137	5	17	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	25	1.82	905.12		75	25	78	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	1	0.03	0.00		6	1	3	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	1	0.01	0.00		0	1	3	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	50	5.08	425.11		0	50	150	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	25	41.83	8.22		0	25	75	0
IMST	ONLINE	85010114	IMS 3.1X	04/20/96	2	0.44	0.00		0	2	6	0
IMST	ONLINE				369	113.73	2,683.52		922	369	1,121	0
IMST					370	113.83	2,683.52		922	369	1,121	1,779
TOTALS...					370	113.83	2,683.52		922	369	1,121	1,779

SPWTR500

CIMSUNIV '001' Records From CIMS Accounting Data

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR500)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY EXTERNAL SYSTEMS
- PROCESSES ALL RECORDS
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

SORT SEQUENCE
SUB-SYSTEM ID
DATE OF RECORD
TIME OF RECORD
IDENTIFICATION FIELD1
IDENTIFICATION FIELD2
IDENTIFICATION FIELD3
IDENTIFICATION FIELD4
DATA FIELD01
DATA FIELD02
DATA FIELD03
DATA FIELD04
DATA FIELD05
DATA FIELD06
DATA FIELD07
DATA FIELD08
DATA FIELD09
DATA FIELD10

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
           CIMRC030-SMF30STP = 4 AND
           CIMRC030-DELETE-CODE = ' ')
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'MVS '
COMPUTE: ZERO = 0
COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CIMRC030-JOB-START-DATE
COMPUTE: TIME-OF-REC001 = CIMRC030-JOB-START-TIMEM * 3600
COMPUTE: TIME-OF-RECORD(2,FULLWORD,NOACCUM) = TIME-OF-REC001
COMPUTE: IDENT-CODE1(8) = CIMRC030-ACT1
COMPUTE: IDENT-CODE2(8) = CIMRC030-ACT2
COMPUTE: IDENT-CODE3(8) = CIMRC030-ACT3
COMPUTE: IDENT-CODE4(8) = CIMRC030-ACT4
COMPUTE: DATA-FIELD01 = CIMRC030-CPU-TIME
COMPUTE: DATA-FIELD02 = CIMRC030-DISK-SIOS
COMPUTE: DATA-FIELD03 = CIMRC030-TAPE-SIOS
COMPUTE: DATA-FIELD04 = CIMRC030-LINES-PRINTED
COMPUTE: DATA-FIELD05 = CIMRC030-PAGES-PRINTED
COMPUTE: DATA-FIELD06 = CIMRC030-DISK-DATASETS
COMPUTE: DATA-FIELD07 = CIMRC030-TAPE-DATASETS
COMPUTE: DATA-FIELD08 = CIMRC030-TSO-TERM-GETS
COMPUTE: DATA-FIELD09 = CIMRC030-TSO-TERM-PUTS
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
          FILLER-VAR2(2)
          RECORD-ID(2,PACKED)
          SORT-SEQUENCE(1)
          FILLER-VAR3
          SUB-SYSTEM-ID
          ZERO(1,COMP)
          DATE-OF-RECORD(P-YYDDD)
          TIME-OF-RECORD(FULLWORD,NOACCUM)
          IDENT-CODE1
          IDENT-CODE2
          IDENT-CODE3
          IDENT-CODE4
          DATA-FIELD01(5,PACKED,NOACCUM)
          DATA-FIELD02(5,PACKED,NOACCUM)
          DATA-FIELD03(5,PACKED,NOACCUM)
          DATA-FIELD04(5,PACKED,NOACCUM)
          DATA-FIELD05(5,PACKED,NOACCUM)
          DATA-FIELD06(5,PACKED,NOACCUM)
          DATA-FIELD07(5,PACKED,NOACCUM)
          DATA-FIELD08(5,PACKED,NOACCUM)
          DATA-FIELD09(5,PACKED,NOACCUM)
          DATA-FIELD10(5,PACKED,NOACCUM)
```


**SPWTR500
CREATES CIMSUNIV 001 RECORD FROM SMF RECORD TYPE 30 FOR MAINFRAME USE**

This report is useful for creating CIMSUNIV invoices for additional billable items and account codes. This allows the user to customize invoicing for resource usage beyond the standard SMF fields processed by CIMS.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR501)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY CIMS PROGRAM CIMSCMF1
- PROCESSES PERFORMANCE RECORD TYPES X'0303' AND X'0403'
- SORTED BY RECORD ID
- COLUMNS INCLUDE: RECORD ID

```

SORT SEQUENCE
SUB-SYSTEM ID
DATE OF RECORD
TIME OF RECORD
IDENTIFICATION FIELD1
IDENTIFICATION FIELD2
IDENTIFICATION FIELD3
IDENTIFICATION FIELD4
DATA FIELD01
DATA FIELD02
DATA FIELD03
DATA FIELD04
DATA FIELD05
DATA FIELD06
DATA FIELD07
DATA FIELD08
DATA FIELD09
DATA FIELD10
    
```

- CONTROL BREAK -- NONE; DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
*
INPUT: CICSONE7-RECORD
*
INCLUDEIF: (CICSONE7-REC-TYPE = X'0303' OR X'0403')
*
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
*
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'CICS'
COMPUTE: ZERO = 0
*
COMPUTE: DATE-OF-RECORD(4 P-YYDDD NOACCUM) = CICSONE7-DATE-REC
COMPUTE: TIME-OF-RECORD(2,FULLWORD,NOACCUM) = CICSONE7-TIME-RECM
*
    
```

(continued...)

(Control Statements continued...)

```

COMPUTE: IDENT-CODE1(8) = CICSONE7-F8-APPL-ID
COMPUTE: IDENT-CODE2(8) = CICSONE7-S8-USER-ID
COMPUTE: IDENT-CODE3(8) = CICSONE7-TRANS-ID + CICSONE7-TERM-ID
COMPUTE: IDENT-CODE4(8) = CICSONE7-OPER-ID
*
COMPUTE: DATA-FIELD01 = 1
COMPUTE: DATA-FIELD02 = CICSONE7-CMF1-DISPATCH / 62500
COMPUTE: DATA-FIELD03 = CICSONE7-CMF1-CPU / 62500
*
COMPUTE: DATA-FIELD04 = CICSONE7-TERM-CNTL-INP +
CICSONE7-TERM-CNTL-INS
*
COMPUTE: DATA-FIELD05 = CICSONE7-TERM-CNTL-OUTP +
CICSONE7-TERM-CNTL-OUTS
*
COMPUTE: DATA-FIELD06 = DATA-FIELD04 + DATA-FIELD05
*
COMPUTE: DATA-FIELD07 = CICSONE7-FCNTL-OTHER
*
COMPUTE: DATA-FIELD08 = CICSONE7-FCNTL-ACCESS
*
COMPUTE: DATA-FIELD09(5 PACKED NOACCUM) = 0
*
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
*
COLUMNS: FILLER-VAR1(2)
FILLER-VAR2(2)
RECORD-ID(2,PACKED)
SORT-SEQUENCE(1)
FILLER-VAR3
SUB-SYSTEM-ID
ZERO(1,COMP)
DATE-OF-RECORD(P-YYDDD)
TIME-OF-RECORD(FULLWORD,NOACCUM)
IDENT-CODE1
IDENT-CODE2
IDENT-CODE3
IDENT-CODE4
DATA-FIELD01(5,PACKED,NOACCUM)
DATA-FIELD02(5,PACKED,NOACCUM)
DATA-FIELD03(5,PACKED,NOACCUM)
DATA-FIELD04(5,PACKED,NOACCUM)
DATA-FIELD05(5,PACKED,NOACCUM)
DATA-FIELD06(5,PACKED,NOACCUM)
DATA-FIELD07(5,PACKED,NOACCUM)
DATA-FIELD08(5,PACKED,NOACCUM)
DATA-FIELD09(5,PACKED,NOACCUM)
DATA-FIELD10(5,PACKED,NOACCUM)
    
```

**SPWTR501
CREATES CIMSUNIV 001 RECORD FROM CIMSCMF1 RECORDS FOR MAINFRAME USE**

This report is useful for creating CIMSUNIV invoices for additional CICS items and account codes. This allows the user to customize invoicing for CICS usage beyond the standard fields processed by CIMSCICS. This report uses the CIMSONE7 record as input.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR505

CIMSUNIV '001' Records From EPIC Tape Volume Records

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR505)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY EPIC TAPE MANAGEMENT SYSTEM
- PROCESSES ALL RECORDS
- COLUMNS INCLUDE: RECORD ID DATA FIELD02
- SORT SEQUENCE DATA FIELD03
- SUB-SYSTEM ID DATA FIELD04
- DATE OF RECORD DATA FIELD05
- TIME OF RECORD DATA FIELD06
- IDENTIFICATION FIELD1 DATA FIELD07
- IDENTIFICATION FIELD2 DATA FIELD08
- IDENTIFICATION FIELD3 DATA FIELD09
- IDENTIFICATION FIELD4 DATA FIELD10
- DATA FIELD01

- CONTROL BREAK -- NONE; DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CIMSEPIC-RECORD
INCLUDEIF: (CIMSEPIC-REC-ID = X'40')
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: SUB-SYSTEM-ID(4) = 'EPIC'
COMPUTE: ZERO = 0
COMPUTE: ZERO2 = '00'
COMPUTE: CDATE-YY2 = WHEN(CIMSEPIC-CDATE-YY2 >= '00' AND
                          CIMSEPIC-CDATE-YY2 <= '99')
                  ASSIGN(CIMSEPIC-CDATE-YY2)
                  ELSE
                  ASSIGN('00')
COMPUTE: CDATE-DDD = WHEN(CIMSEPIC-CDATE-DDD > '000' AND
                          CIMSEPIC-CDATE-DDD < '366')
                  ASSIGN(CIMSEPIC-CDATE-DDD)
                  ELSE
                  ASSIGN('001')
COMPUTE: CDATE = ZERO2
                  +
                  CDATE-YY2
                  +
                  CDATE-DDD
COMPUTE: CREATE-DATE = #MAKENUM(CDATE)
COMPUTE: TIME = #TIME24
COMPUTE: HTIME = #SUBSTR(TIME,1,2)
COMPUTE: MTIME = #SUBSTR(TIME,4,2)
COMPUTE: HSEC-TIME = #MAKENUM(HTIME) * 3600
COMPUTE: MSEC-TIME = #MAKENUM(MTIME) * 60
COMPUTE: CREATE-TIME = HSEC-TIME + MSEC-TIME
COMPUTE: DATE-OF-RECORD(PACKED,NOACCUM) = CREATE-DATE
COMPUTE: TIME-OF-RECORD(2,FULLWORD,NOACCUM) = CREATE-TIME
COMPUTE: HOLD-IDENT32 = #SUBSTR(CIMSEPIC-DATASET-NAME,1,32)
COMPUTE: HD1 = #INDEX(HOLD-IDENT32, '.')
COMPUTE: ST1 = HD1 + 1
COMPUTE: LN0 = 32 - HD1
COMPUTE: LN1 = WHEN(HD1 = 0) ASSIGN(32)
                  WHEN(HD1 > 0) ASSIGN(HD1 - 1)
    
```

(continued...)

(Control Statements continued...)

```

COMPUTE: HOLD-IDENT1(8) = #SUBSTR(HOLD-IDENT32,1,LN1)
COMPUTE: HOLD-IDENTD1 = #SUBSTR(HOLD-IDENT32,ST1,LN0)
COMPUTE: HD2 = #INDEX(HOLD-IDENTD1, '.')
COMPUTE: ST2 = HD2 + 1
COMPUTE: LN2 = 32 - HD2
COMPUTE: LN3 = WHEN(HD2 = 0) ASSIGN(32)
                  WHEN(HD2 > 0) ASSIGN(HD2 - 1)
COMPUTE: HOLD-IDENT2(8) = WHEN(HD1 = 0)
                          ASSIGN(' ')
                          WHEN(HD1 > 0)
                          ASSIGN(#SUBSTR(HOLD-IDENTD1,1,LN3))
COMPUTE: HD3 = #INDEX(HOLD-IDENTD2, '.')
COMPUTE: ST3 = HD3 + 1
COMPUTE: LN4 = 32 - HD3
COMPUTE: LN5 = WHEN(HD3 = 0) ASSIGN(32)
                  WHEN(HD3 > 0) ASSIGN(HD3 - 1)
COMPUTE: HOLD-IDENT3(8) = WHEN(HD2 = 0)
                          ASSIGN(' ')
                          WHEN(HD2 > 0)
                          ASSIGN(#SUBSTR(HOLD-IDENTD2,1,LN5))
COMPUTE: HD4 = #INDEX(HOLD-IDENTD3, '.')
COMPUTE: LN6 = 32 - HD4
COMPUTE: LN7 = WHEN(HD4 = 0) ASSIGN(32)
                  WHEN(HD4 > 0) ASSIGN(HD4 - 1)
COMPUTE: HOLD-IDENT4(8) = WHEN(HD3 = 0)
                          ASSIGN(' ')
                          WHEN(HD3 > 0)
                          ASSIGN(#SUBSTR(HOLD-IDENTD3,1,LN7))
COMPUTE: IDENT-CODE1(8) = HOLD-IDENT1
COMPUTE: IDENT-CODE2(8) = HOLD-IDENT2
COMPUTE: IDENT-CODE3(8) = HOLD-IDENT3
COMPUTE: IDENT-CODE4(8) = HOLD-IDENT4
COMPUTE: DATA-FIELD01 = WHEN(CIMSEPIC-UNIT-TYPE = 'XXXXXXXX')
                          ASSIGN(1)
COMPUTE: DATA-FIELD02 = WHEN(CIMSEPIC-UNIT-TYPE = '13560960')
                          ASSIGN(1)
*****
COLUMNS: FILLER-VAR1(2)
          FILLER-VAR2(2)
          RECORD-ID(2,PACKED)
          SORT-SEQUENCE(1)
          FILLER-VAR3
          SUB-SYSTEM-ID
          DATE-OF-RECORD(PACKED,NOACCUM,4)
          TIME-OF-RECORD(FULLWORD,NOACCUM)
          IDENT-CODE1
          IDENT-CODE2
          IDENT-CODE3
          IDENT-CODE4
          DATA-FIELD01(5,PACKED,NOACCUM)
          DATA-FIELD02(5,PACKED,NOACCUM)
          DATA-FIELD03(5,PACKED,NOACCUM)
          DATA-FIELD04(5,PACKED,NOACCUM)
          DATA-FIELD05(5,PACKED,NOACCUM)
          DATA-FIELD06(5,PACKED,NOACCUM)
          DATA-FIELD07(5,PACKED,NOACCUM)
          DATA-FIELD08(5,PACKED,NOACCUM)
          DATA-FIELD09(5,PACKED,NOACCUM)
          DATA-FIELD10(5,PACKED,NOACCUM)
    
```

SPWTR505**CREATES CIMSUNIV 001 RECORD FROM EPIC TAPE MANAGEMENT RECORDS FOR MAINFRAME USE**

This report is useful for creating CIMSUNIV invoices for Epic Tape Management System items and account codes. This allows the user to customize invoicing for Epic usage.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR560)

CIMSEXTR TRANS RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY EXTERNAL SYSTEMS
- PROCESSES ALL RECORDS
- SORTED BY TRANS CODE
- COLUMNS INCLUDE: TRANS CODE

RATE CODE
 LOW DATE
 HIGH DATE
 RESOURCE VALUE
 ACCOUNT CODE
 AUDIT CODE

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0) COLSEP(',')

INPUT: CIMRC030-RECORD

INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND
 CIMRC030-SMF30STP = 4 AND
 CIMRC030-DELETE-CODE = ' ')

COMPUTE: TRANS-CODE = 'TRANS'

COMPUTE: RATE-CODE = 'ZFUN@001'

COMPUTE: LOW-DATE = CIMRC030-GREG-STR-DATE

COMPUTE: HIGH-DATE = CIMRC030-GREG-STR-DATE

COMPUTE: RESOURCE-VALUE = CIMRC030-STEP-TCBCPU-TIME +
 CIMRC030-STEP-SRBCPU-TIME

COMPUTE: ACCOUNT-CODE = CIMRC030-ACT1

COMPUTE: AUDIT-CODE = 'AUDITTST'

COLUMNS: TRANS-CODE

RATE-CODE
 LOW-DATE
 HIGH-DATE
 RESOURCE-VALUE
 ACCOUNT-CODE
 AUDIT-CODE

**SPWTR560
CREATES CIMSEXTR RECORD FROM SMF RECORD TYPE 30 FOR MAINFRAME USE**

This report is useful for billing additional items and account codes as External Transactions through CIMSACCT. This allows the user to customize invoicing for resource usage beyond the standard SMF fields processed by CIMS.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR561)

CIMSEXTR TRANS RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY EXTERNAL SYSTEMS
- PROCESSES ALL RECORDS
- SORTED BY TRANS CODE
- COLUMNS INCLUDE: TRANS CODE

RATE CODE
 LOW DATE
 HIGH DATE
 RESOURCE VALUE
 ACCOUNT CODE
 AUDIT CODE

- CONTROL BREAK -- NONE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0) COLSEP(',')
INPUT: CICSONE7-RECORD
INCLUDEIF: (CICSONE7-REC-TYPE = X'0303' OR X'0403')
COMPUTE: TRANS-CODE = 'TRANS'
COMPUTE: RATE-CODE = 'ZCICS001'
COMPUTE: LOW-DATE = CICSONE7-DATE-REC
COMPUTE: HIGH-DATE = CICSONE7-DATE-REC
COMPUTE: RESOURCE-VALUE = CICSONE7-CPU-TIME
COMPUTE: ACCOUNT-CODE = CICSONE7-F8-APPL-ID +
                        CICSONE7-S8-USER-ID +
                        CICSONE7-TRANS-ID +
                        CICSONE7-TERM-ID +
                        CICSONE7-OPER-ID

COMPUTE: AUDIT-CODE = 'CICSTRAN'
COLUMNS: TRANS-CODE
          RATE-CODE
          LOW-DATE
          HIGH-DATE
          RESOURCE-VALUE
          ACCOUNT-CODE
          AUDIT-CODE
    
```


SPWTR561**CREATES CIMSEXTR RECORD FROM CIMSCMF1 RECORD FOR MAINFRAME USE**

This report is useful for billing additional CICS items and account codes as External Transactions through CIMSACCT. This allows the user to customize invoicing for CICS usage beyond the standard fields processed by CIMSCICS. This report uses the CIMSONE7 record as input.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR710

CIMSUNIV '001' Records from DATACOM Batch Records

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR710)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY DATACOM BATCH
- PROCESSES ALL RECORDS
- COLUMNS INCLUDE: RECORD ID

```

SORT SEQUENCE
SUB-SYSTEM ID           = ZDCB
DATE OF RECORD
TIME OF RECORD
IDENTIFICATION FIELD1 = JOBNAME
IDENTIFICATION FIELD2 (UNUSED)
IDENTIFICATION FIELD3 (UNUSED)
IDENTIFICATION FIELD4 (UNUSED)
DATA FIELD01           = TRANSACTION COUNT
DATA FIELD02           = CPU TIME
    
```

(MICROSECS)

```

DATA FIELD03           = ELAPSED TIME (MS)
DATA FIELD04           = EXCPS
DATA FIELD05           = LOGIOS
DATA FIELD06           = MEMORY RETRIEVALS
DATA FIELD07           = RUN TIME
DATA FIELD08           (UNUSED)
DATA FIELD09           (UNUSED)
DATA FIELD10          (UNUSED)
    
```

- CONTROL BREAK -- NONE

REPORT WRITER CONTROL STATEMENTS

```

OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CIMSZDCB-BATCH-RECORD
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: FILLER-VAR4(1) = X'00'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZDCB'
COMPUTE: DATE-OF-RECORD(3 P-YYDDD NOACCUM) = CIMSZDCB-START-
DATE
COMPUTE: CREATE-TIME = (CIMSZDCB-START-TIME-HH * 3600) +
(CIMSZDCB-START-TIME-MM * 60) +
(CIMSZDCB-START-TIME-SS)
COMPUTE: TIME-OF-RECORD(2,FULLWORD,NOACCUM) = CREATE-TIME
COMPUTE: IDENT-CODE1(8) = CIMSZDCB-JOBNAME
COMPUTE: IDENT-CODE2(8) = ' '
COMPUTE: IDENT-CODE3(8) = ' '
    
```

(continued..)

(Control Statements continued...)

```

COMPUTE: IDENT-CODE4(8) = ' '
COMPUTE: DATA-FIELD01 = 1
*****
* CPU TIME AND ELAPSED TIME ARE STORED IN MICROSECONDS
*****
COMPUTE: DATA-FIELD02 = CIMSZDCB-CPU-TIME
COMPUTE: DATA-FIELD03 = CIMSZDCB-ELAPSED-TIME
COMPUTE: DATA-FIELD04 = CIMSZDCB-EXCPS
*****
* NUMBER OF LOGICAL I/O'S (BUFFERED)
*****
COMPUTE: DATA-FIELD05 = CIMSZDCB-LOGIOS
*****
* NUMBER OF TIMES DATA WAS RETRIEVED FROM "COVERED" AREAS
*****
COMPUTE: DATA-FIELD06 = CIMSZDCB-MEM-RETRIEVES
*****
* ELAPSED TIME MINUS WAIT TIME
*****
COMPUTE: DATA-FIELD07 = CIMSZDCB-RUN-TIME
COMPUTE: DATA-FIELD08(5 PACKED NOACCUM) = 0
COMPUTE: DATA-FIELD09(5 PACKED NOACCUM) = 0
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
          FILLER-VAR2(2)
          RECORD-ID(2,PACKED)
          SORT-SEQUENCE(1)
          FILLER-VAR3
          SUB-SYSTEM-ID
          FILLER-VAR4(1)
          DATE-OF-RECORD(P-YYDDD)
          TIME-OF-RECORD(FULLWORD,NOACCUM)
          IDENT-CODE1
          IDENT-CODE2
          IDENT-CODE3
          IDENT-CODE4
          DATA-FIELD01(5,PACKED,NOACCUM)
          DATA-FIELD02(5,PACKED,NOACCUM)
          DATA-FIELD03(5,PACKED,NOACCUM)
          DATA-FIELD04(5,PACKED,NOACCUM)
          DATA-FIELD05(5,PACKED,NOACCUM)
          DATA-FIELD06(5,PACKED,NOACCUM)
          DATA-FIELD07(5,PACKED,NOACCUM)
          DATA-FIELD08(5,PACKED,NOACCUM)
          DATA-FIELD09(5,PACKED,NOACCUM)
          DATA-FIELD10(5,PACKED,NOACCUM)
    
```

SPWTR710**CREATES CIMSUNIV 001 RECORD FROM DATACOM BATCH RECORDS FOR MAINFRAME USE**

This report is useful for creating CIMSUNIV invoices for Datacom items and account codes. This allows the user to customize invoicing for Datacom usage. The CIMSUNIV 001 record created can be used in report SPWTR714 or as input to other CIMS Report Writer reports.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR711

DATACOM Batch Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR711)

REPORT OF RAW DATA FROM DATACOM

- RECORDS PRODUCED BY DATACOM BATCH
- PROCESSES ALL RECORDS

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSZDCB-BATCH-RECORD
TITLE: 'PGM: SPWTR711' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: 'CIMSZDCB '
      / 'CIMSZDCB DETAIL REPORT FOR DATACOM RAW BATCH DATA' /
TITLE: ' '
COMPUTE: CPU-TIME(6) =
          CIMSZDCB-CPU-TIME * .000001
COMPUTE: ELAPSED-TIME(6) =
          CIMSZDCB-ELAPSED-TIME * .000001
COMPUTE: RUN-TIME(6) =
          CIMSZDCB-RUN-TIME * .000001
COLUMNS:
  CIMSZDCB-JOBNAME('JOBNAME')
  CIMSZDCB-START-DATE('START|DATE')
  CIMSZDCB-START-TIME('START|TIME')
  ELAPSED-TIME(PIC'ZZ,ZZ,ZZ9.99999')
  RUN-TIME(PIC'ZZ,ZZ,ZZ9.99999')
  CPU-TIME(PIC'ZZ,ZZ,ZZ9.99999')
  CIMSZDCB-EXCPS('EXCPS')
  CIMSZDCB-LOGIOS('LOGIOS')
  CIMSZDCB-MEM-RETRIEVES('MEMORY|RETRIEVALS')
* CIMSZDCB-RUN-UNIT('RUN|UNIT')
* CIMSZDCB-CURRENT-DATE('CURRENT|DATE')
* CIMSZDCB-TIME-OF-DAY('TIME|OF DAY')
SORT: CIMSZDCB-JOBNAME
```

PGM: SPWTR711 CIMSZDCB		CIMS JOB ACCOUNTING SYSTEM CIMSZDCB DETAIL REPORT FOR DATACOM RAW BATCH DATA						PAGE 1	
JOBNAME	START DATE	START TIME	ELAPSED TIME	RUN TIME	CPU TIME	EXCPS	LOGIOS	MEMORY RETRIEVALS	
CICSP1	01/01/95	01:01:01	39.14602	7.99511	6.06067	2,295	48,957	185	
FBNCOM00	12/01/95	06:00:00	19.35630	3.88560	3.02222	4,332	55,380	144	
FVC07141	03/01/95	12:22:30	33.76001	6.45634	5.44359	3,334	50,009	176	
RGSB410	08/01/95	07:22:12	11.20012	2.55400	1.11443	1,009	24,500	98	
*** GRAND TOTAL (4 ITEMS)			103.46245	20.89105	15.64091	10,970	178,846	603	

SPWTR712

CIMSUNIV '001' Records From DATACOM CICS Records

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR712)

CIMSUNIV 001 RECORD CREATION FOR MAINFRAME USE:

- RECORDS PRODUCED BY DATACOM CICS
- PROCESSES ALL RECORDS
- COLUMNS INCLUDE: RECORD ID
 SORT SEQUENCE
 SUB-SYSTEM ID = ZDCC
 DATE OF RECORD
 TIME OF RECORD
 IDENTIFICATION FIELD1 = JOB NAME
 IDENTIFICATION FIELD2 = SECURITY USER ID
 IDENTIFICATION FIELD3 = CICS TRANSACTION ID
 IDENTIFICATION FIELD4 = PROGRAM NAME
 DATA FIELD01 = TRANSACTION COUNT
 DATA FIELD02 = CPU TIME
 DATA FIELD03 = ELAPSED TIME
 DATA FIELD04 = NUMBER OF EXCPS
 DATA FIELD05 = NUMBER OF LOGIOS
 DATA FIELD06 = MEMORY RETRIEVALS
 DATA FIELD07 = RUN TIME
 DATA FIELD08 = ENTRIES IN INDEX
 DATA FIELD09
 DATA FIELD10
- CONTROL BREAK -- NONE

REPORT WRITER CONTROL STATEMENTS

```
OPTION: OUTPUT(MAINFRAME) NOCC NOGRANDTOTAL COLSPACE(0)
INPUT: CIMSZDCC-CICS-RECORD
COMPUTE: FILLER-VAR1(2) = X'0000'
COMPUTE: FILLER-VAR2(2) = X'0000'
COMPUTE: FILLER-VAR3(1) = X'40'
COMPUTE: FILLER-VAR4(1) = X'00'
COMPUTE: RECORD-ID = 1
COMPUTE: SORT-SEQUENCE(1) = X'FF'
COMPUTE: SUB-SYSTEM-ID(4) = 'ZDCC'
COMPUTE: DATE-OF-RECORD(3 P-YD44 NOACCUM) = CIMSZDCC-START-
DATE
COMPUTE: CREATE-TIME = (CIMSZDCC-START-TIME-HH * 3600) +
(CIMSZDCC-START-TIME-MM * 60) +
(CIMSZDCC-START-TIME-SS)
COMPUTE: TIME-OF-RECORD(2,FULLWORD,NOACCUM) = CREATE-TIME
COMPUTE: IDENT-CODE1(8) = CIMSZDCC-JOBNAME
COMPUTE: IDENT-CODE2(8) = CIMSZDCC-SECURITY-USER-ID
COMPUTE: IDENT-CODE3(8) = CIMSZDCC-CICS-TRAN-ID
COMPUTE: IDENT-CODE4(8) = CIMSZDCC-PROGRAM-NAME
COMPUTE: DATA-FIELD01 = 1
```

(continued...)

(Control Statements continued...)

```
*****
* CPU TIME AND ELAPSED TIME ARE STORED IN MICROSECONDS
*****
COMPUTE: DATA-FIELD02 = CIMSZDCC-CPU-TIME
COMPUTE: DATA-FIELD03 = CIMSZDCC-ELAPSED-TIME
COMPUTE: DATA-FIELD04 = CIMSZDCC-EXCPS
*
*****
* NUMBER OF LOGICAL I/O'S (BUFFERED)
*****
COMPUTE: DATA-FIELD05 = CIMSZDCC-LOGIOS
*
*****
* NUMBER OF TIMES DATA WAS RETRIEVED FROM "COVERED" AREAS
*****
COMPUTE: DATA-FIELD06 = CIMSZDCC-MEM-RETRIEVES
*
*****
* ELAPSED TIME MINUS WAIT TIME
*****
COMPUTE: DATA-FIELD07 = CIMSZDCC-RUN-TIME
*
*****
* NUMBER OF ENTRIES IN TEMPORARY INDEX
*****
COMPUTE: DATA-FIELD08 = CIMSZDCC-TEMP-IDX-ENTRIES
*
COMPUTE: DATA-FIELD09(5 PACKED NOACCUM) = 0
COMPUTE: DATA-FIELD10(5 PACKED NOACCUM) = 0
COLUMNS: FILLER-VAR1(2)
FILLER-VAR2(2)
RECORD-ID(2,PACKED)
SORT-SEQUENCE(1)
FILLER-VAR3
SUB-SYSTEM-ID
FILLER-VAR4(1)
DATE-OF-RECORD(P-YD44)
TIME-OF-RECORD(FULLWORD,NOACCUM)
IDENT-CODE1
IDENT-CODE2
IDENT-CODE3
IDENT-CODE4
DATA-FIELD01(5,PACKED,NOACCUM)
DATA-FIELD02(5,PACKED,NOACCUM)
DATA-FIELD03(5,PACKED,NOACCUM)
DATA-FIELD04(5,PACKED,NOACCUM)
DATA-FIELD05(5,PACKED,NOACCUM)
DATA-FIELD06(5,PACKED,NOACCUM)
DATA-FIELD07(5,PACKED,NOACCUM)
DATA-FIELD08(5,PACKED,NOACCUM)
DATA-FIELD09(5,PACKED,NOACCUM)
DATA-FIELD10(5,PACKED,NOACCUM)
```

SPWTR712**CREATES CIMSUNIV 001 RECORD FROM DATACOM CICS RECORDS FOR MAINFRAME USE**

This report is useful for creating CIMSUNIV invoices for Datacom items and account codes. This allows the user to customize invoicing for Datacom usage. The CIMSUNIV 001 record created can be used in report SPWTR714 or as input to other CIMS Report Writer reports.

The OPTION Statement allows any CIMS REPORT WRITER REPORT to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- LOTUS
- DBASE
- RBASE
- EXCEL
- HARVARD
- PARADOX
- PC
- MAINFRAME

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR713

DATACOM CICS Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR713)

REPORT OF RAW DATA FROM DATACOM
- RECORDS PRODUCED BY DATACOM CICS
- PROCESSES ALL RECORDS

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSZDCC-CICS-RECORD
TITLE: 'PGM: SPWTR713' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: 'CIMSZDCC '
      / 'CIMSZDCC DETAIL REPORT FOR DATACOM RAW CICS DATA' /
TITLE: ' '
COMPUTE: CPU-TIME(6) =
         CIMSZDCC-CPU-TIME * .000001
COMPUTE: ELAPSED-TIME(6) =
         CIMSZDCC-ELAPSED-TIME * .000001
COMPUTE: RUN-TIME(6) =
         CIMSZDCC-RUN-TIME * .000001
COLUMNS:
CIMSZDCC-JOBNAME('JOBNAME')
CIMSZDCC-START-DATE('START|DATE')
CIMSZDCC-START-TIME('START|TIME')
CIMSZDCC-SECURITY-USER-ID('SECURITY|USER ID')
* CIMSZDCC-CICS-TRAN-ID('CICS ID')
* CIMSZDCC-PROGRAM-NAME('PROGRAM|NAME')
* CIMSZDCC-DC-SUBRUN-UNIT('DC SUBRUN|UNIT')
* CIMSZDCC-CICS-TRAN-NUMBER('CICS TRAN|NUMBER')
* CIMSZDCC-IDEAL-PROG-NAME('IDEAL|PROGRAM|NAME')
ELAPSED-TIME(PIC'ZZ,ZZZ,ZZ9.99999')
RUN-TIME(PIC'ZZ,ZZZ,ZZ9.99999')
CPU-TIME(PIC'ZZ,ZZZ,ZZ9.99999')
CIMSZDCC-EXCPS('EXCPS')
CIMSZDCC-LOGIOS('LOGIOS')
CIMSZDCC-MEM-RETRIEVES('MEMORY|RETRIEVALS')
* CIMSZDCC-RUN-UNIT('RUN|UNIT')
* CIMSZDCC-CURRENT-DATE('CURRENT|DATE')
* CIMSZDCC-TIME-OF-DAY('TIME|OF DAY')
SORT: CIMSZDCC-JOBNAME
```


SPWTR713

DATAKOM CICS Detail Report

PGM: SPWTR713
CIMSZDCC

CIMS JOB ACCOUNTING SYSTEM
CIMSZDCC DETAIL REPORT FOR DATAKOM RAW CICS DATA

PAGE 1

JOBNAME	START DATE	START TIME	SECURITY USER ID	ELAPSED TIME	RUN TIME	CPU TIME	EXCPS	LOGIOS	MEMORY RETRIEVALS
CICSP1	06/08/96	12:01:01	PWT	0.07378	0.03245	0.00618	3	26	0
CICSP1	06/08/96	14:00:00	IDK	0.12234	0.05530	0.00768	5	37	0
CICSP1	06/08/96	16:01:01	PBS	0.00775	0.00421	0.00062	1	11	0
CICSP1	06/08/96	18:00:00	BBT	0.09887	0.04444	0.00702	4	32	0
*** GRAND TOTAL (4 ITEMS)				0.30274	0.13640	0.02130	13	106	0

SPWTR714

DATACOM Batch and CICS Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR714)

CIMSUNIV DETAIL REPORT BY IDENTIFICATION, SYSTEM ID:
REPORTING THE DATACOM BATCH AND CICS DATA AFTER SW CONVERSION

- RECORDS PRODUCED BY PROGRAM SPWTR710 OR SPWTR712
- PROCESSES RECORD TYPE 001
- SORTED BY SYSTEM ID, IDENTIFICATION
- COLUMNS INCLUDE: SYSTEM ID
IDENTIFICATION
DATA FIELD 01
DATA FIELD 02
DATA FIELD 03
DATA FIELD 04
DATA FIELD 05
DATA FIELD 06
DATA FIELD 07
- CONTROL BREAK ON IDENTIFICATION, SYSTEM ID

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMRC001-RECORD
TITLE: 'PGM: SPWTR714' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: 'CIMRC001'
/ 'CIMRC001 DETAIL REPORT FOR DATACOM BATCH AND CICS' /
TITLE: ' '
INCLUDEIF: CIMRC001-REC-TYPE = 001 AND
(CIMRC001-SYSTEM-ID = 'ZDCB' OR
CIMRC001-SYSTEM-ID = 'ZDCC')
COMPUTE: CPU-TIME(6) =
CIMRC001-DATA-FIELD02 * .000001
COMPUTE: ELAPSED-TIME(6) =
CIMRC001-DATA-FIELD03 * .000001
COMPUTE: RUN-TIME(6) =
CIMRC001-DATA-FIELD07 * .000001
COLUMNS:
CIMRC001-SYSTEM-ID('SYS|ID')
CIMRC001-IDENT-CODE1('JOBNAME')
CIMRC001-IDENT-CODE2('SECURITY|USER ID')
* CIMRC001-IDENT-CODE3('CICS|TRAN ID')
* CIMRC001-IDENT-CODE4('PROGRAM|NAME')
CIMRC001-DATE-OF-RECORD('DATE OF|RECORD')
CIMRC001-TIME-OF-RECORD('TIME OF|RECORD')
ELAPSED-TIME(PIC'ZZZ,ZZ9.9999' 'ELAPSED|TIME|SECS')
RUN-TIME(PIC'ZZZ,ZZ9.9999' 'RUN |TIME|SECS')
CPU-TIME(PIC'ZZZ,ZZ9.9999' 'CPU|TIME|SECS')
CIMRC001-DATA-FIELD04(PIC'ZZ,ZZZ,ZZ9' 'EXCPS')
CIMRC001-DATA-FIELD05(PIC'ZZ,ZZZ,ZZ9' 'LOGIOS')
CIMRC001-DATA-FIELD06(PIC'ZZZ,ZZ9' 'MEMORY|RETRVS')
CIMRC001-DATA-FIELD08(PIC'ZZ,ZZZ,ZZ9' 'TEMP|INDEX|ENTRIES')
SORT: CIMRC001-SYSTEM-ID CIMRC001-IDENT-CODE1 CIMRC001-IDENT-CODE2
BREAK: CIMRC001-IDENT-CODE1
TOTAL(5 CIMRC001-IDENT-CODE1)
BREAK: CIMRC001-IDENT-CODE2
TOTAL(14 CIMRC001-IDENT-CODE2)
BREAK: CIMRC001-SYSTEM-ID
TOTAL(CIMRC001-SYSTEM-ID)
BREAK: #GRAND
NOTOTAL
```

SPWTR714

DATACOM Batch and CICS Detail Report

PGM: SPWTR714 CIMRC0001		CIMS JOB ACCOUNTING SYSTEM CIMRC001 DETAIL REPORT FOR DATACOM BATCH AND CICS									PAGE 1
SYS ID	JOBNAME	SECURITY USER ID	DATE OF RECORD	TIME OF RECORD	ELAPSED TIME SECS	RUN TIME SECS	CPU TIME SECS	EXCPS	LOGIOS	MEMORY RETRVS	TEMP INDEX ENTRIES
ZDCB	CICSP1		01/01/96	3,661.00 3,661.00	39.1460 39.1460	7.9951 7.9951	6.0607 6.0607	2,295 2,295	48,957 48,957	185 185	0 0
	CICSP1			3,661.00	39.1460	7.9951	6.0607	2,295	48,957	185	0
ZDCB	FBNCOM00		04/01/96	21,600.00 21,600.00	19.3563 19.3563	3.8856 3.8856	3.0222 3.0222	4,332 4,332	55,380 55,380	144 144	0 0
	FBNCOM00			21,600.00	19.3563	3.8856	3.0222	4,332	55,380	144	0
ZDCB	FVC07141		03/01/96	44,550.00 44,550.00	33.7600 33.7600	6.4563 6.4563	5.4435 5.4435	3,334 3,334	50,009 50,009	176 176	0 0
	FVC07141			44,550.00	33.7600	6.4563	5.4435	3,334	50,009	176	0
ZDCB	RGSB410		08/01/96	26,532.00 26,532.00	11.2001 11.2001	2.5540 2.5540	1.1144 1.1144	1,009 1,009	24,500 24,500	98 98	0 0
	RGSB410			26,532.00	11.2001	2.5540	1.1144	1,009	24,500	98	0
ZDCB				96,343.00	103.4624	20.8910	15.6408	10,970	178,846	603	0
ZDCC	CICSP1	BBT BBT	06/08/96	64,800.00 64,800.00	0.0738 0.0738	0.0325 0.0325	0.0061 0.0061	3 3	26 26	0 0	0 0
ZDCC	CICSP1	IDK IDK	06/08/96	50,400.00 50,400.00	0.1223 0.1223	0.0553 0.0553	0.0076 0.0076	5 5	37 37	0 0	0 0
ZDCC	CICSP1	PBS PBS	06/08/96	57,661.00 57,661.00	0.0077 0.0077	0.0042 0.0042	0.0006 0.0006	1 1	11 11	0 0	0 0
ZDCC	CICSP1	PWT PWT	06/08/96	43,261.00 43,261.00	0.0988 0.0988	0.0444 0.0444	0.0070 0.0070	4 4	32 32	0 0	0 0
	CICSP1			216,122.00	0.3026	0.1364	0.0213	13	106	0	0
ZDCC				216,122.00	0.3026	0.1364	0.0213	13	106	0	0

SPWTR900

Account Code Summary Report by Shift Using Record Types 6 & 30

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR900)

ACCOUNT CODE SUMMARY REPORT BY SHIFT CODE:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 6 AND 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- ACCOUNT CODE IS USED TO READ THE CLIENT FILE TO OBTAIN THE DESCRIPTION FOR THAT CLIENT
- SORTED BY ACCOUNT CODE, SHIFT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
 SHIFT CODE
 CPU TIME
 LINES PRINTED
 DISK SIO
 TAPE SIO
 TAPE MOUNTS
- CONTROL BREAK ON SHIFT CODE, ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

INPUT: CIMRC030-RECORD

INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
 (CIMRC030-REC-TYPE = 30 AND
 CIMRC030-SMF30STP = 4 AND
 CIMRC030-DELETE-CODE = ' '))

TITLE: 'SPWTR900' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY
 PAGE'

#PAGENUM

TITLE: / 'RESOURCE USAGE PER COST CENTER BY SHIFT' /

TO CONSTRUCT THE KEY FOR THE CLIENT FILE, YOU MUST ALLOW
 FOR THE FULL 32 BYTES. THE "#SUBSTR" COMMAND SELECTS
 THOSE CHARACTERS NEEDED TO CREATE THE KEY.

COMPUTE: CLIENT-KEY(32) = #SUBSTR(CIMRC030-ACCT-CODE,1,8)

READ: CIMSCLNT-RECORD KEY(CLIENT-KEY) TYPE(VSAM)

COMPUTE: DESC-ORG1(15) = #SUBSTR(CIMSCLNT-RECORD.CIMSCLNT-
 DESC1,1,15)

COMPUTE: SHIFT-CODE(15) = WHEN(CIMRC030-SHIFT-CODE = '1')
 ASSIGN('SECOND ')
 WHEN(CIMRC030-SHIFT-CODE = '2')
 ASSIGN('DAY ')
 WHEN(CIMRC030-SHIFT-CODE = '3')
 ASSIGN('THIRD ')
 WHEN(CIMRC030-SHIFT-CODE = '4')
 ASSIGN('WEEKEND ')

(continued...)

(Control Statements continued...)

COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
 ASSIGN(CIMRC030-STEP-TCBCPU-TIME +
 CIMRC030-STEP-SRBCPU-TIME +
 CIMRC030-CPU-ITCB +
 CIMRC030-CPU-ISRB)

ELSE
 ASSIGN(0)
 COMPUTE: LINES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
 ASSIGN(CIMRC030-LINES-PRINTED)
 ELSE
 ASSIGN(0)

COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
 ASSIGN(CIMRC030-DISK-SIOS)
 ELSE
 ASSIGN(0)

COMPUTE: TOTAL-TAPE-MT = WHEN(CIMRC030-REC-TYPE = 30)
 ASSIGN(CIMRC030-TAPE-MOUNTS)
 ELSE
 ASSIGN(0)

COMPUTE: TOTAL-TAPE-IO = WHEN(CIMRC030-REC-TYPE = 30)
 ASSIGN(CIMRC030-TAPE-SIOS)
 ELSE
 ASSIGN(0)

COLUMNS: DESC-ORG1(' | | ORG1')
 SHIFT-CODE(' | | SHIFT')
 TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU TIME|TOTAL')
 LINES-PRINTED(PIC'ZZZZZZZZ9' 'PRINT LINES|TOTAL')
 TOTAL-DISK-IO(PIC'ZZZZZZZZ9' 'DASD EXCP|TOTAL')
 TOTAL-TAPE-IO(PIC'ZZZZZZZZ9' 'TAPE EXCP|TOTAL')
 TOTAL-TAPE-MT(PIC'ZZZZZZZZ9' 'TAPE MOUNTS|TOTAL')

SORT: CIMRC030-ACT1 SHIFT-CODE

BREAK: SHIFT-CODE

TOTAL(DESC-ORG1 SHIFT-CODE)

BREAK: CIMRC030-ACT1

NOTOTAL

FOOTING(16 'RESOURCES TOTAL'

TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99') 3
 LINES-PRINTED(TOTAL PIC'ZZZZZZZZ9')
 TOTAL-DISK-IO(TOTAL PIC'ZZZZZZZZ9')
 TOTAL-TAPE-IO(TOTAL PIC'ZZZZZZZZ9') 3
 TOTAL-TAPE-MT(TOTAL PIC'ZZZZZZZZ9')

BREAK: #GRAND

TOTAL('TOTALS.....')

SPWTR900

Account Code Summary Report by Shift Using Record Types 6 & 30

SPWTR900		CIMS JOB ACCOUNTING SYSTEM				PAGE 1	
		RESOURCE USAGE PER COST CENTER BY SHIFT					
ORG1	SHIFT	CPU TIME TOTAL	PRINT LINES TOTAL	DASD EXCP TOTAL	TAPE EXCP TOTAL	TAPE MOUNTS TOTAL	
AAB COMPUTER	SECOND	8.08	0	662	0	0	
	RESOURCES TOTAL	8.08	0	662	0	0	
AAB COMPUTER	DAY	10.75	698	1532	0	0	
AAB COMPUTER	THIRD	6.00	0	1327	0	0	
AAB COMPUTER	WEEKEND	318.40	73248	215869	62791	11	
	RESOURCES TOTAL	335.15	73946	218728	62791	11	
AAC MOVING	DAY	2948.33	49582	1438902	399402	17	
AAC MOVING	SECOND	129.47	500	2194	1929	2	
AAC MOVING	THIRD	203.84	0	2330	0	0	
AAC MOVING	WEEKEND	1203.19	20039	319483	67584	9	
	RESOURCES TOTAL	4484.83	70121	1762909	468915	28	
AAD COMPUTER	WEEKEND	2003.22	56473	198372	40591	3	
	RESOURCES TOTAL	2003.22	56473	198372	40591	3	
TOTALS.....		6831.28	200540	2180671	572297	42	

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR901)

JOBNAME ACCOUNT DESCRIPTION SUMMARY REPORT:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 6 AND 30
- SUB RECORD TYPE 4 (STEP TOTAL RECORD)
- SORTED BY JOBNAME

- COLUMNS INCLUDE: ACCOUNT DESCRIPTION

JOBNAME
CPU TIME
DISK SIO
TAPE SIO
LOCAL LINES PRINTED
REMOTE LINES PRINTED
PRINTER NAME

- CONTROL BREAK ON JOBNAME ACCOUNT DESCRIPTION
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

OPTIONS: SUMMARY

INPUT: CIMRC030-RECORD

INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
(CIMRC030-REC-TYPE = 30 AND
CIMRC030-SMF30STP = 4 AND
CIMRC030-DELETE-CODE = ' '))

TITLE: 'SPWTR901' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
#PAGENUM

TITLE: / 'ALL TRADE ENTRY JOB STATUS' /

COMPUTE: CLIENT-KEY(32) = #SUBSTR(CIMRC030-ACCT-CODE,1,8)

READ: CIMSCLNT-RECORD KEY(CLIENT-KEY) TYPE(VSAM)

COMPUTE: DESC-ORG1(25) = #SUBSTR(CIMSCLNT-RECORD.CIMSCLNT-DESC1,1,25)

(continued...)

(Control Statements continued...)

```

COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-STEP-TCBCPU-TIME +
                                CIMRC030-STEP-SRBCPU-TIME +
                                CIMRC030-CPU-ITCB +
                                CIMRC030-CPU-ISRB)
                        ELSE
                        ASSIGN(0)
COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-DISK-SIOS)
                        ELSE
                        ASSIGN(0)
COMPUTE: TOTAL-TAPE-IO = WHEN(CIMRC030-REC-TYPE = 30)
                        ASSIGN(CIMRC030-TAPE-SIOS)
                        ELSE
                        ASSIGN(0)
COMPUTE: LL-PRINTED   = WHEN((CIMRC030-REC-TYPE = 6) AND
                                (CIMRC030-PRINT-ROUTE-CODE = X'00'))
                        ASSIGN(CIMRC030-LINES-PRINTED)
                        ELSE
                        ASSIGN(0)
COMPUTE: RL-PRINTED   = WHEN((CIMRC030-REC-TYPE = 6) AND
                                (CIMRC030-PRINT-ROUTE-CODE = X'FF'))
                        ASSIGN(CIMRC030-LINES-PRINTED)
                        ELSE
                        ASSIGN(0)
COMPUTE: PRINT-NAME   = WHEN(CIMRC030-REC-TYPE = 6)
                        ASSIGN(CIMRC030-DEVICE-NAME)
                        ELSE
                        RETAIN
COLUMNS: DESC-ORG1(' | ORG1')
          CIMRC030-JOBNAME(' | JOBNAME')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' ' | CPU|TIME')
          TOTAL-DISK-IO(PIC'ZZZZZZZZ' ' |DISK|EXCPS')
          TOTAL-TAPE-IO(PIC'ZZZZZZZZ' ' |TAPE|EXCPS')
          LL-PRINTED(PIC'ZZZZZZZZ' 'PRINT|LINES')
          RL-PRINTED(PIC'ZZZZZZZZ' 'REMOTE|PRINT/PUNCH|LINES')
          PRINT-NAME(' |PRINTER|NAME')
SORT: CIMRC030-REC-TYPE(DESC) DESC-ORG1 CIMRC030-JOBNAME
BREAK: CIMRC030-JOBNAME
      NOTOTAL
      FOOTING(DESC-ORG1
              CIMRC030-JOBNAME
              TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99')
              TOTAL-DISK-IO(TOTAL PIC'ZZZZZZZZ')
              TOTAL-TAPE-IO(TOTAL PIC'ZZZZZZZZ')
              LL-PRINTED(TOTAL PIC'ZZZZZZZZ') 3
              RL-PRINTED(TOTAL PIC'ZZZZZZZZ')
              PRINT-NAME)
BREAK: DESC-ORG1
      TOTAL(DESC-ORG1)
BREAK: #GRAND
      TOTAL('TOTALS..')
```

SPWTR901

JOBNAME Summary Report Using Record Types 6 & 30

SPWTR901		CIMS JOB ACCOUNTING SYSTEM				PAGE 1	
		ALL TRADE ENTRY JOB STATUS					
ORGL	JOBNAME	CPU TIME	DISK EXCPS	TAPE EXCPS	PRINT LINES	REMOTE PRINT/PUNCH LINES	PRINTER NAME
AABBB	INFORMATION SERVICE BLSJPRMI	1.11	30				
AABBB	INFORMATION SERVICE HDIRECTA	1.30	356				R33.PR1
AABBB	INFORMATION SERVICE MAA	4.04	226				
AABBB	INFORMATION SERVICE PCSINIT	0.68	36				
AABBB	INFORMATION SERVICE SYSVIEW	0.09	8				
AABBB	INFORMATION SERVICE TMPCMDS	0.86	6				
AABBB	INFORMATION SERVICE TSXNRMT	3.12	770				
AABBB	INFORMATION SERVICE TSXNTAR	24.66	5729				R33.PR1
AABBB	INFORMATION SERVICE XNCOMPIL	2.64	181				R33.PR1
AABBB	INFORMATION SERVICE XNJBKUPA	13.21	10164	5544			R33.PR1
AABBB	INFORMATION SERVICE XNLGARCH	1.95	1132				R33.PR1
AABBB	INFORMATION SERVICE XNLGAUDT	0.97	179				R33.PR1
AABBB	INFORMATION SERVICE XNLGBGND	4.80	1214				R33.PR1
AABBB	INFORMATION SERVICE XNLGDALY	155.76	129419	47092			R33.PR1
AABBB	INFORMATION SERVICE XNLGDAYL	0.99					R33.PR1
AABBB	INFORMATION SERVICE XNLGE644	1.49	266				R33.PR1
AABBB	INFORMATION SERVICE XNLGE646	1.49	268				R33.PR1
AABBB	INFORMATION SERVICE XNLGFLEX	1.59	221				R33.PR1
AABBB	INFORMATION SERVICE XNLGLINK	1.29	201				R33.PR1
AABBB	INFORMATION SERVICE XNLGNCP2	15.91	8555				R33.PR1
AABBB	INFORMATION SERVICE XNLGOLGL	2.21	1286				R33.PR1
AABBB	INFORMATION SERVICE XNLGSEPT	3.25	710				R33.PR1
AABBB	INFORMATION SERVICE XNLGSPLT	2.91	701				R33.PR1
AABBB	INFORMATION SERVICE XNLGSSA1	2.55	706				R33.PR1
AABBB	INFORMATION SERVICE XNLGSSA3	8.96	2901				R33.PR1
AABBB	INFORMATION SERVICE XNLGVHUP	3.22	2178				R33.PR1
AABBB	INFORMATION SERVICE XNPRELIM	71.97	42862	5075			R33.PR1
AABBB	INFORMATION SERVICE XNRSTBKP	10.21	9085	5080			R33.PR1
AABBB	INFORMATION SERVICE TSXNTAR	0.00				698	R33.PR1
AABBB	INFORMATION SERVICE XNPRELIM	0.00				73248	R33.PR1
AABBB	INFORMATION SERVICE	343.23	219390	62791		73946	
TOTALS..		343.23	219390	62791		73946	

SPWTR902

Printer Summary Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR902)

SUMMARY OF TOTAL PRINT LINES BY PRINTER NAME:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 6
- SORTED BY PRINTER DEVICE NAME
- COLUMNS INCLUDE: DEVICE NAME
 NUMBER OF JOBS
 LINES PRINTED
- CONTROL BREAK ON JOBNAME
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: (CIMRC030-REC-TYPE = 6 AND
           NOT CIMRC030-PROGRAM-NAME = 'SYSPUNCH' AND
           CIMRC030-DELETE-CODE = ' ')
TITLE: 'SPWTR902' / ' ' CIMS JOB ACCOUNTING SYSTEM ' #TODAY
      / ' PAGE' #PAGENUM
TITLE: / 'TOTAL PRINT LINES FOR EACH PRINTER BY PRINTER NAME' /
COMPUTE: JOBS = 0
COLUMNS: CIMRC030-DEVICE-NAME(20 'PRINTER')
          JOBS(PIC'ZZZ9' 'JOBS')
          CIMRC030-LINES-PRINTED(PIC'ZZZZZZZ9' 'LINES PRINTED')
SORT: CIMRC030-DEVICE-NAME CIMRC030-LINES-PRINTED(DESC)
BREAK: CIMRC030-DEVICE-NAME
      NOTOTAL
FOOTING(CIMRC030-DEVICE-NAME 10 #ITEMS
        CIMRC030-LINES-PRINTED(TOTAL PIC'ZZZZZZZ9'))
BREAK: #GRAND
      NOTOTAL
FOOTING('TOTALS...' 9 #ITEMS
        CIMRC030-LINES-PRINTED(TOTAL PIC'ZZZZZZZ9'))
```


SPWTR902 CIMS JOB ACCOUNTING SYSTEM PAGE 1
TOTAL PRINT LINES FOR EACH PRINTER BY PRINTER NAME

PRINTER	JOBS	LINEs PRINTED
R33.PR1	10	42646
R33.PR2	6	31300
R54.PR1	12	68847
R54.PR2	30	124839
R54.PR3	7	30029
R54.PR4	13	56473
R54.PR5	21	85743
R54.PR6	9	29910
R79.PR1	11	75849
R79.PR2	33	128374
R79.PR3	20	90584
R79.PR4	45	156473
R79.PR5	5	23733
R79.PR6	1	5644
R79.PR7	10	67584
R83.PR1	21	98473
R83.PR2	16	67584
R83.PR3	19	98756
R83.PR4	13	45362
TOTALS...	302	1328203

SPWTR903

CICS Billing Statistics Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR903)

CICS SUMMARY BILLING STATISTICS:

- RECORDS PRODUCED BY PROGRAM CIMSCMF2 DDNAME CMFOUT
- PROCESSES PERFORMANCE RECORD TYPES X'0304' AND X'0404'
- SORTED BY RECORD DATE, SYSTEM ID, USER ID, TRANSACTION ID
- COLUMNS INCLUDE: RECORD DATE
SYSTEM ID
USER ID
TRANSACTION ID
TRANS COUNT
CPU TIME
- CONTROL BREAK ON TRANSACTION ID AND RECORD DATE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTIONS: SUMMARY
INPUT: CICSONE7-RECORD
INCLUDEIF: (CICSONE7-REC-TYPE = X'0304' OR X'0404')
TITLE: 'SPWTR903' / 'CIMS CICS TRANSACTION ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'CICS BILLING STATISTICS' /
COMPUTE: TRANS-COUNT = 0
COLUMNS: CICSONE7-DATE-REC('DATE')
          CICSONE7-CICS-ID('SYSTEM')
          CICSONE7-S8-USER-ID('USERID')
          CICSONE7-TRANS-ID('TRANSACTION|ID')
          TRANS-COUNT(PIC'ZZZZZZ9' 'TRANSACTION|COUNT')
          CICSONE7-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TASK CPU TIME|SSSSS.SS')
SORT: CICSONE7-DATE-REC CICSONE7-CICS-ID CICSONE7-S8-USER-ID
      CICSONE7-TRANS-ID
BREAK: CICSONE7-TRANS-ID
      NOTOTAL
      FOOTING(CICSONE7-DATE-REC
              CICSONE7-CICS-ID
              CICSONE7-S8-USER-ID 5
              CICSONE7-TRANS-ID 8
              #ITEMS
              CICSONE7-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99'))
BREAK: CICSONE7-DATE-REC
      NOTOTAL
      FOOTING(CICSONE7-DATE-REC 35 #ITEMS
              CICSONE7-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99'))
BREAK: #GRAND
      NOTOTAL
      FOOTING('TOTALS..' 35 #ITEMS
              CICSONE7-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99'))
```

SPWTR903 CIMS CICS TRANSACTION ACCOUNTING SYSTEM PAGE 1
 CICS BILLING STATISTICS

DATE	SYSTEM	USERID	TRANSACTION ID	TRANSACTION COUNT	TASK CPU TIME SSSSSS.SS
04/27/96	CICSX	CIMSML	CATD	54	0.85
04/27/96	CICSX	CIMSML	CCMF	88	0.06
04/27/96	CICSX	CIMSML	CEMT	19	0.33
04/27/96	CICSX	CIMSML	CSAC	1	0.01
04/27/96	CICSX	CIMSML	CSFU	1	0.01
04/27/96	CICSX	CIMSML	CSGM	104	0.76
04/27/96	CICSX	CIMSML	CSKP	30	0.30
04/27/96	CICSX	CIMSML	CSNE	142	1.21
04/27/96	CICSX	CIMSML	CSSN	2	0.01
04/27/96	CICSX	CIMSML	CXRE	1	0.01
04/27/96	CICSX	CIMSML	DDB1	1,435	84.90
04/27/96	CICSX	CIMSML	INI1	7	28.36
04/27/96	CICSX	CIMSML	MENU	198	1.98
04/27/96	CICSX	CIMSML	MTI1	1,771	70.79
04/27/96	CICSX	CIMSML	MTX1	4	0.18
04/27/96	CICSX	CIMSML	MT11	2	0.06
04/27/96	CICSX	CIMSML	OFF	23	0.24
04/27/96	CICSX	CIMSML	RYTE	7	0.12
04/27/96	CICSX	CIMSML	R000	1,637	37.19
04/27/96	CICSX	CIMSML	SWFT	10	0.62
04/27/96				5,536	227.99
TOTALS..				5,536	227.99

SPWTR904

Resource Usage Report by Cost Center

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR904)

RESOURCE USAGE BY COST CENTER SUMMARY REPORT:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE
DESCRIPTION LINE1
CPU TIME
LINES PRINTED
DISK SIOS
TAPE SIOS
TOTAL COST
- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE FILE HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE RESOURCE FILE.
- CONTROL BREAK ON ACCOUNT CODE
- SUMMARY REPORT

REPORT WRITER CONTROL STATEMENTS

```
OPTIONS: SUMMARY
INPUT: CIMSRESC-RECORD
INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'
TITLE: 'SPWTR904' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'RESOURCE USAGE BY COST CENTER' /
TITLE: ' '
COMPUTE: LINES-PRINTED = CIMSRESC-INV-RES-UNIT026 +
CIMSRESC-INV-RES-UNIT027
COMPUTE: TOT-COST = #MAKENUM(CIMSRESC-INV-TOTAL)
COLUMNS:
CIMSRESC-ACCT-CODE1('ACCOUNT')
CIMSRESC-INV-DESC1(30 'COST CENTER NAME')
CIMSRESC-INV-RES-UNIT003(PIC'ZZZ,ZZZ,ZZ9.99' 'CPU_TIME')
LINES-PRINTED(PIC'ZZZ,ZZZ,ZZ9' 'PRINT_LINES')
CIMSRESC-INV-RES-UNIT014(PIC'ZZZ,ZZZ,ZZ9' 'DISK_EXCP')
CIMSRESC-INV-RES-UNIT015(PIC'ZZZ,ZZZ,ZZ9' 'TAPE_EXCP')
TOT-COST(PIC'ZZZ,ZZZ,ZZ9.99' 'COST')
SORT: CIMSRESC-ACCT-CODE1
BREAK: CIMSRESC-ACCT-CODE1
TOTAL(CIMSRESC-ACCT-CODE1 CIMSRESC-INV-DESC1(30))
BREAK: #GRAND
TOTAL('TOTALS..')
```

SPWTR904		CIMS JOB ACCOUNTING SYSTEM RESOURCE USAGE BY COST CENTER				PAGE 1
ACCOUNT	COST CENTER NAME	CPU_TIME	PRINT_LINES	DISK_EXCP	TAPE_EXCP	COST
AABBB001	AAB COMPUTER ACTG	0.01	0	3	0	3.01
AABBB002	AAB COMPUTER AP	2.06	1,120	27,455	0	28,577.06
AABBB003	AAB COMPUTER AR	1.43	0	16,765	4,249	21,015.43
AABBB004	AAB COMPUTER DIST	0.78	859	3,657	0	4,516.78
AABBB005	AAB COMPUTER MFG	1.16	0	11,283	5,093	16,377.16
AABBB006	AAB COMPUTER MKT	3.56	3,405	35,443	9,859	48,710.56
AABBB007	AAB COMPUTER PAY	5.51	6,007	46,885	11,394	64,291.51
AABBB008	AAB COMPUTER PUR	3.96	4,608	36,457	8,947	50,015.96
AACCC001	AAC MOVING AP	0.87	1,339	5,376	0	6,715.87
AACCC002	AAC MOVING AR	1.61	0	13,182	3,509	16,692.61
AACCC003	AAC MOVING CUST	5.15	599	45,688	13,419	59,711.15
AACCC004	AAC MOVING FIN	0.39	698	18,199	0	18,897.39
AACCC005	AAC MOVING HR	6.93	0	34,375	7,849	42,230.93
AACCC006	AAC MOVING MIS	11.63	73,248	424,458	125,582	623,299.63
AACCC007	AAC MOVING MKT	2.40	5,038	37,554	6,948	49,542.40
AACCC008	AAC MOVING PAY	4.57	3,444	33,544	5,005	41,997.57
AACCC009	AAC MOVING STO	1.03	0	15,766	4,118	19,885.03
RUN TOTALS....		53.05	100,365	806,090	205,972	1,112,480.05

SPWTR905

Mainframe File Creation by Printer Name

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR905)

MAINFRAME FILE CREATION:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPE 6
- SORTED BY PRINTER NAME
- FIELDS EXTRACTED INCLUDE:
 - PRINTER NAME
 - JOBS
 - LINES PRINTED
- CONTROL BREAK ON PRINTER NAME
- MAINFRAME RECORD FORMAT

REPORT WRITER CONTROL STATEMENTS

```
OPTIONS: OUTPUT(MAINFRAME)
          FORMAT(PACKED)
          COLSPACE(0)
          SUMMARY
INPUT: CIMRC006-RECORD
INCLUDEIF: (CIMRC006-REC-TYPE = 6 AND
            NOT CIMRC006-WRITER-TYPE = 'SYSPUNCH' AND
            CIMRC006-ELAPSED-TIME > 0)
COMPUTE: JOBS = 0
COLUMNS: CIMRC006-PRINTER-NAME
           JOBS
           CIMRC006-LINES-PRINTED
SORT: CIMRC006-PRINTER-NAME
BREAK: CIMRC006-PRINTER-NAME
       NOTOTAL
       FOOTING(CIMRC006-PRINTER-NAME 0
               #ITEM 0
               CIMRC006-LINES-PRINTED(TOTAL))
BREAK: #GRAND
       NOTOTAL
       FOOTING('TOTALS..' 0
               #ITEM 0
               CIMRC006-LINES-PRINTED(TOTAL))
```

**SPWTR905
WRITES SELECTED FIELDS FROM CIMS RECORD TYPE 6 TO A MAINFRAME FILE**

This feature is useful if you want to use CIMS data in a mainframe reporting or graphics product.

The **OPTION** Statement allows any **CIMS REPORT WRITER REPORT** to be written to a PC or Mainframe File.

OPTIONS INCLUDE:

- **LOTUS**
- **DBASE**
- **RBASE**
- **EXCEL**
- **HARVARD**
- **PARADOX**
- **PC**
- **MAINFRAME**

For information on creating output files with CIMS Report Writer, please refer to the CIMS Report Writer User Guide.

SPWTR906 CIMS JOB ACCOUNTING SYSTEM PAGE 1
TOTAL PRINT LINES FOR EACH PRINTER BY PRINTER NAME

PRINTER	JOB	LINES PRINTED
R79.PR4	45	156473
R79.PR2	33	128374
R54.PR2	30	124839
R83.PR3	19	98756
R83.PR1	21	98473
R79.PR3	20	90584
R54.PR5	21	85743
R79.PR1	11	75849
R54.PR1	12	68847
R79.PR7	10	67584
R83.PR2	16	67584
R54.PR4	13	56473
R83.PR4	13	45362
R33.PR1	10	42646
R33.PR2	6	31300
R54.PR3	7	30029
R54.PR6	9	29910
R79.PR5	5	23733
R79.PR6	1	5644
TOTALS...	302	1328203

SPWTR907

REPORT WRITER CONTROL STATEMENTS

```

OPTION: SUMMARY
INPUT: CIMRC030-RECORD
INCLUDEIF: ((CIMRC030-REC-TYPE = 6) OR
            (CIMRC030-REC-TYPE = 30 AND
             CIMRC030-SMF30STP = 4 AND
             CIMRC030-DELETE-CODE = ' '))
TITLE: 'SPWTR907' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
#PAGENUM
TITLE: / 'RESOURCE USAGE PER COST CENTER BY SHIFT' /

TO CONSTRUCT THE KEY FOR THE CLIENT FILE, YOU MUST ALLOW
FOR THE FULL 32 BYTES. THE "#SUBSTR" COMMAND SELECTS
THOSE CHARACTERS NEEDED TO CREATE THE KEY.

COMPUTE: CLIENT-KEY(32) = #SUBSTR(CIMRC030-ACCT-CODE,1,8)
READ: CIMSCLNT-RECORD KEY(CLIENT-KEY) TYPE(VSAM)
COMPUTE: DESC-ORG1(15) = #SUBSTR(CIMSCLNT-RECORD.CIMSCLNT-DESC1,1,15)
COMPUTE: SHIFT-CODE(15) = WHEN(CIMRC030-SHIFT-CODE = '1')
                          ASSIGN('SECOND ')
                          WHEN(CIMRC030-SHIFT-CODE = '2')
                          ASSIGN('DAY ')
                          WHEN(CIMRC030-SHIFT-CODE = '3')
                          ASSIGN('THIRD ')
                          WHEN(CIMRC030-SHIFT-CODE = '4')
                          ASSIGN('WEEKEND ')

COMPUTE RATE VALUES FOR CPU TIME, LINES PRINTED, DISK SIO,
TAPE SIO.
COMPUTE: RATEKEY1 = CIMSCLNT-RECORD.CIMSCLNT-RATE + 'Z003 '
READ: CIMSRATE-RECORD KEY(RATEKEY1) TYPE(VSAM) RECNAME(RATE1)
COMPUTE: MVS-CPU-RATE = RATE1.CIMSRATE-RATE-VALUE
*
COMPUTE: RATEKEY2 = CIMSCLNT-RECORD.CIMSCLNT-RATE + 'Z006 '
READ: CIMSRATE-RECORD KEY(RATEKEY2) TYPE(VSAM) RECNAME(RATE2)
COMPUTE: DISK-SIO-RATE = RATE2.CIMSRATE-RATE-VALUE
*
COMPUTE: RATEKEY3 = CIMSCLNT-RECORD.CIMSCLNT-RATE + 'Z007 '
READ: CIMSRATE-RECORD KEY(RATEKEY3) TYPE(VSAM) RECNAME(RATE3)
COMPUTE: TAPE-SIO-RATE = RATE3.CIMSRATE-RATE-VALUE
*
COMPUTE: RATEKEY4 = CIMSCLNT-RECORD.CIMSCLNT-RATE + 'Z016 '
READ: CIMSRATE-RECORD KEY(RATEKEY4) TYPE(VSAM) RECNAME(RATE4)
COMPUTE: LINES-PRINTED-RATE = RATE4.CIMSRATE-RATE-VALUE

MULTIPLY COLUMNS BY RATE VALUE.

```

(continued...)

Resource Usage Per Cost Center Report

(Control Statements continued...)

```

COMPUTE: TOTAL-CPU-TIME = WHEN(CIMRC030-REC-TYPE = 30)
                          ASSIGN((CIMRC030-STEP-TCBCPU-TIME +
                                  CIMRC030-STEP-SRBCPU-TIME +
                                  CIMRC030-CPU-ITCB +
                                  CIMRC030-CPU-ISRB) *
                                  MVS-CPU-RATE)
                          ELSE
                          ASSIGN(0)
COMPUTE: LINES-PRINTED = WHEN(CIMRC030-REC-TYPE = 6)
                          ASSIGN(CIMRC030-LINES-PRINTED *
                                  LINES-PRINTED-RATE)
                          ELSE
                          ASSIGN(0)
COMPUTE: TOTAL-DISK-IO = WHEN(CIMRC030-REC-TYPE = 30)
                          ASSIGN(CIMRC030-DISK-SIOS *
                                  DISK-SIO-RATE)
                          ELSE
                          ASSIGN(0)
COMPUTE: TOTAL-TAPE-IO = WHEN(CIMRC030-REC-TYPE = 30)
                          ASSIGN(CIMRC030-TAPE-SIOS *
                                  TAPE-SIO-RATE)
                          ELSE
                          ASSIGN(0)

COMPUTE TOTAL COST FIELD.

COMPUTE: TOTAL-COST = TOTAL-CPU-TIME + LINES-PRINTED +
                      TOTAL-DISK-IO + TOTAL-TAPE-IO
COLUMNS: DESC-ORG1(' | ORG1')
          SHIFT-CODE(' | SHIFT')
          TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'CPU TIME|TOTAL')
          LINES-PRINTED(PIC'ZZZZZZZZ9' 'PRINT LINES|TOTAL')
          TOTAL-DISK-IO(PIC'ZZZZZZZZ9' 'DASD EXCP|TOTAL')
          TOTAL-TAPE-IO(PIC'ZZZZZZZZ9' 'TAPE EXCF|TOTAL')
          TOTAL-COST(PIC'ZZZZZZZZ9.99' 'TOTAL COST')
SORT: CIMRC030-ACT1 SHIFT-CODE
BREAK: SHIFT-CODE
      TOTAL(DESC-ORG1 SHIFT-CODE)
BREAK: CIMRC030-ACT1
      NOTOTAL
      FOOTING(16 'RESOURCES TOTAL'
              TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99') 3
              LINES-PRINTED(TOTAL PIC'ZZZZZZZZ9')
              TOTAL-DISK-IO(TOTAL PIC'ZZZZZZZZ9')
              TOTAL-TAPE-IO(TOTAL PIC'ZZZZZZZZ9')
              TOTAL-COST(TOTAL PIC'ZZZZZZZZ9.99'))

BREAK: #GRAND
      TOTAL('TOTALS.....')

```

SPWTR907		CIMS JOB ACCOUNTING SYSTEM				PAGE 1
RESOURCE USAGE PER COST CENTER BY SHIFT						
ORG1	SHIFT	CPU TIME TOTAL	PRINT LINES TOTAL	DASD EXCP TOTAL	TAPE EXCP TOTAL	TOTAL COST
AAB COMPUTER	SECOND	8.08	0	662	0	670.08
	RESOURCES TOTAL	8.08	0	662	0	670.08
AAB COMPUTER	DAY	10.75	698	1532	0	2240.75
AAB COMPUTER	THIRD	6.00	0	1327	0	1333.00
AAB COMPUTER	WEEKEND	318.40	73248	215869	62791	352226.40
	RESOURCES TOTAL	335.15	73946	218728	62791	355800.15
AAC MOVING	DAY	2948.33	49582	1438902	399402	1890834.33
AAC MOVING	SECOND	129.47	500	2194	1929	4752.47
AAC MOVING	THIRD	203.84	0	2330	0	2533.84
AAC MOVING	WEEKEND	1203.19	20039	319483	67584	408309.19
	RESOURCES TOTAL	4484.83	70121	1762909	468915	2306429.83
AAD COMPUTER	WEEKEND	2003.22	56473	198372	40591	297439.22
	RESOURCES TOTAL	2003.22	56473	198372	40591	297439.22
TOTALS.....		6831.28	200540	2180671	572297	2960339.28

SPWTR908

Account Code Usage Report by VM User ID

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR908)

ACCOUNT CODE SUMMARY REPORT BY VM USER ID:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE

```

DESCRIPTION LINE1
VM USER ID
NUMBER OF SESSIONS
TOTAL CPU TIME
PROCESSING CHARGES
TOTAL VIRTUAL I/O COUNT
I/O CHARGE
U/R CHARGES
SETUP CHARGES
TOTAL COST
    
```

- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE

FILE

HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE

RESOURCE

- FILE.
- CONTROL BREAK ON GRAND TOTAL
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```

INPUT: CIMSRESC-RECORD
INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'
TITLE: 'SPWTR908 REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'ACCOUNT CODE USAGE REPORT' /
TITLE: ' '
COMPUTE: ACCOUNT-CODE = #SUBSTR(CIMSRESC-ACCT-CODE1,1,8)
COMPUTE: DESC = #SUBSTR(CIMSRESC-INV-DESC1,1,18)
COMPUTE: USER-ID = #SUBSTR(CIMSRESC-ACCT-CODE2,1,8)
COMPUTE: SESSIONS = 1
COMPUTE: UR-CHARGE = CIMSRESC-INV-MONEY094 + CIMSRESC-INV-
MONEY095 +
                                CIMSRESC-INV-MONEY096
COMPUTE: SETUP-CHARGE = 0
COMPUTE: TOTAL-CHARGE = CIMSRESC-INV-MONEY092 + CIMSRESC-INV-
MONEY093 +
                                SETUP-CHARGE          + UR-CHARGE

COLUMNS:
ACCOUNT-CODE('ACCOUNT')
DESC('DESCRIPTION')
USER-ID('VM|USER ID')
SESSIONS(PIC'ZZZ,ZZ9' 'NBR|SESSIONS')
CIMSRESC-INV-RES-UNIT092(PIC'ZZZ,ZZ9.99' 'TOTAL|CPU TIME')
CIMSRESC-INV-MONEY092(PIC'ZZZ,ZZ9.99' 'PROCESS|CHARGE')
CIMSRESC-INV-RES-UNIT093(PIC'ZZZ,ZZZ,ZZ9' 'TOTAL VIR|I/O
COUNT')
CIMSRESC-INV-MONEY093(PIC'ZZZ,ZZ9.99' 'I/O|CHARGE')
UR-CHARGE(PIC'ZZZ,ZZ9.99' 'U/R|CHARGE')
SETUP-CHARGE(PIC'ZZZ,ZZ9.99' 'SETUP|CHARGE')
TOTAL-CHARGE(PIC'ZZZ,ZZ9.99' 'TOTAL|CHARGE')

SORT: ACCOUNT-CODE USER-ID
BREAK: ACCOUNT-CODE
NOTOTAL
FOOTING(ACCOUNT-CODE 30 #ITEM
        CIMSRESC-INV-RES-UNIT092(TOTAL PIC'ZZZ,ZZ9.99')
        CIMSRESC-INV-MONEY092(TOTAL PIC'ZZZ,ZZ9.99')
        CIMSRESC-INV-RES-UNIT093(TOTAL PIC'ZZZ,ZZZ,ZZ9')
        CIMSRESC-INV-MONEY093(TOTAL PIC'ZZZ,ZZ9.99')
        UR-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')
        SETUP-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')
        TOTAL-CHARGE(TOTAL PIC'ZZZ,ZZ9.99'))

BREAK: #GRAND
TOTAL('RUN TOTALS....')
    
```

SPWTR908

Account Code Usage Report by VM User ID

SPWTR908 REPORT			CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE USAGE REPORT							PAGE 1	
ACCOUNT	DESCRIPTION	VM USER ID	NBR SESSIONS	TOTAL CPU TIME	PROCESS CHARGE	TOTAL VIRT I/O COUNT	I/O CHARGE	U/R CHARGE	SETUP CHARGE	TOTAL CHARGE	
AABBB001	AAB COMPUTER ACT	CN01200	1	1.03	1.55	374	0.56	0.00	0.00	2.11	
AABBB001			1	1.03	1.55	374	0.56	0.00	0.00	2.11	
AABBB002	AAB COMPUTER AP	CN01000	1	0.34	0.51	119	0.18	0.00	0.00	0.69	
AABBB002			1	0.34	0.51	119	0.18	0.00	0.00	0.69	
AABBB003	AAB COMPUTER AR	CN01700	1	1.82	2.73	2,348	3.52	0.00	0.00	6.25	
AABBB003			1	1.82	2.73	2,348	3.52	0.00	0.00	6.25	
AABBB004	AAB COMPUTER DIS	CN02004	2	3.04	4.56	5,000	7.50	0.00	0.00	12.06	
AABBB004			2	3.04	4.56	5,000	7.50	0.00	0.00	12.06	
AABBB005	AAB COMPUTER MFG	CN00500	1	0.67	1.01	1,029	1.54	0.00	0.00	2.55	
AABBB005			1	0.67	1.01	1,029	1.54	0.00	0.00	2.55	
AABBB006	AAB COMPUTER MKT	CN09099	4	5.80	8.70	8,411	12.62	0.00	0.00	21.32	
AABBB006			4	5.80	8.70	8,411	12.62	0.00	0.00	21.32	
RUN TOTALS....			10	12.70	19.06	17,281	25.92	0.00	0.00	44.98	

SPWTR909

Account Code Usage Report by JOBNAME

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR909)

ACCOUNT CODE SUMMARY REPORT BY JOBNAME:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE

DESCRIPTION LINE1
JOBNAME

NUMBER OF JOBS
TOTAL CPU TIME
PROCESSING CHARGES
TOTAL I/O COUNT
I/O CHARGE
U/R CHARGES
SETUP CHARGES
TOTAL COST

- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE FILE HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE RESOURCE FILE.
- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

INPUT: CIMSRESC-RECORD

INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'

TITLE: 'SPWTR909 REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM

TITLE: / 'ACCOUNT CODE USAGE REPORT' /

TITLE: ' '

COMPUTE: ACCOUNT-CODE = #SUBSTR(CIMSRESC-ACCT-CODE1,1,8)

COMPUTE: DESC = #SUBSTR(CIMSRESC-INV-DESC1,1,18)

COMPUTE: JOBNAME = #SUBSTR(CIMSRESC-ACCT-CODE2,1,8)

COMPUTE: JOBS = 1

COMPUTE: UR-CHARGE = 0

COMPUTE: SETUP-CHARGE = 0

COMPUTE: TOTAL-CHARGE = CIMSRESC-INV-MONEY003 + CIMSRESC-INV-MONEY013 +
SETUP-CHARGE + UR-CHARGE

COLUMNS:

ACCOUNT-CODE('ACCOUNT')

DESC('DESCRIPTION')

JOBNAME('JOBNAME')

JOBS(PIC'ZZZ,ZZ9' 'NBR|JOBS')

CIMSRESC-INV-RES-UNIT003(PIC'ZZZ,ZZ9.99' 'TOTAL|CPU TIME')

CIMSRESC-INV-MONEY003(PIC'ZZZ,ZZ9.99' 'PROCESS|CHARGE')

CIMSRESC-INV-RES-UNIT013(PIC'ZZZ,ZZZ,ZZ9' 'TOTAL|I/O COUNT')

CIMSRESC-INV-MONEY013(PIC'ZZZ,ZZ9.99' 'I/O|CHARGE')

UR-CHARGE(PIC'ZZZ,ZZ9.99' 'U/R|CHARGE')

SETUP-CHARGE(PIC'ZZZ,ZZ9.99' 'SETUP|CHARGE')

TOTAL-CHARGE(PIC'ZZZ,ZZ9.99' 'TOTAL|CHARGE')

SORT: ACCOUNT-CODE JOBNAME

BREAK: ACCOUNT-CODE

NOTOTAL

FOOTING(AACCOUNT-CODE 29 #ITEM

CIMSRESC-INV-RES-UNIT003(TOTAL PIC'ZZZ,ZZ9.99')

CIMSRESC-INV-MONEY003(TOTAL PIC'ZZZ,ZZ9.99')

CIMSRESC-INV-RES-UNIT013(TOTAL PIC'ZZZ,ZZZ,ZZ9')

CIMSRESC-INV-MONEY013(TOTAL PIC'ZZZ,ZZ9.99')

UR-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')

SETUP-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')

TOTAL-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')

BREAK: #GRAND

TOTAL('RUN TOTALS....')

SPWTR909

Account Code Usage Report by JOBNAME

SPWTR909 REPORT			CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE USAGE REPORT							PAGE 1	
ACCOUNT	DESCRIPTION	JOBNAME	NBR JOBS	TOTAL CPU TIME	PROCESS CHARGE	TOTAL I/O COUNT	I/O CHARGE	U/R CHARGE	SETUP CHARGE	TOTAL CHARGE	
AABBB001	AAB COMPUTER ACT	CN01200	1	2.04	40.77	26,746	40.12	0.00	0.00	80.89	
AABBB001			1	2.04	40.77	26,746	40.12	0.00	0.00	80.89	
AABBB002	AAB COMPUTER AP	CN01000	1	0.00	0.00	12,998	19.50	0.00	0.00	19.50	
AABBB002			1	0.00	0.00	12,998	19.50	0.00	0.00	19.50	
AABBB003	AAB COMPUTER AR	CN01700	1	0.03	0.60	712	1.09	0.00	0.00	1.69	
AABBB003			1	0.03	0.60	712	1.09	0.00	0.00	1.69	
AABBB004	AAB COMPUTER DIS	CN02004	1	9.57	191.33	550,040	825.06	0.00	0.00	1016.39	
AABBB004			1	9.57	191.33	550,040	825.06	0.00	0.00	1016.39	
AABBB005	AAB COMPUTER MFG	CN00500	1	1.43	32.50	21,472	0.00	0.00	0.00	32.50	
AABBB005			1	1.43	32.50	21,472	0.00	0.00	0.00	32.50	
AABBB006	AAB COMPUTER MKT	CN09099	1	3.18	65.95	52,341	78.51	0.00	0.00	144.46	
AABBB006			1	3.18	65.95	52,341	78.51	0.00	0.00	144.46	
RUN TOTALS....			6	16.24	331.16	664,309	964.28	0.00	0.00	1295.44	

SPWTR910

Account Code Usage Report by TSO User ID

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR910)

ACCOUNT CODE SUMMARY REPORT BY TSO USER ID:

- RECORDS CREATED BY CIMSBILL DDNAME CIMSRESC
- PROCESSES CIMS RESOURCE RECORD TYPE 01
- SORTED BY ACCOUNT CODE
- COLUMNS INCLUDE: ACCOUNT CODE

DESCRIPTION LINE1
JOBNAME/TSO USER ID
NUMBER OF JOBS
TOTAL CPU TIME
PROCESSING CHARGES
TOTAL I/O COUNT
I/O CHARGE
U/R CHARGES
SETUP CHARGES
TOTAL COST

- CIMS RESOURCE FILE IS ORGANIZED BY RATE CODES USED IN THE BILLING PROCESS. THE SEQUENCE NUMBER/INDEX IN THE RATE

FILE

HAS NOTHING TO DO WITH THE SEQUENCE OF RATES IN THE

RESOURCE

FILE.

- CONTROL BREAK ON ACCOUNT CODE
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CIMSRESC-RECORD
INCLUDEIF: CIMSRESC-CNTL-TOTAL = '01'
TITLE: 'SPWTR910 REPORT' / 'CIMS JOB ACCOUNTING SYSTEM' /
#TODAY 'PAGE' #PAGENUM
TITLE: / 'ACCOUNT CODE USAGE REPORT' /
TITLE: ' '
COMPUTE: ACCOUNT-CODE = #SUBSTR(CIMSRESC-ACCT-CODE1,1,8)
COMPUTE: DESC = #SUBSTR(CIMSRESC-INV-DESC1,1,18)
COMPUTE: TSOUSER = #SUBSTR(CIMSRESC-ACCT-CODE2,1,8)
COMPUTE: JOBS = 1
COMPUTE: IO-RES = CIMSRESC-INV-RES-UNIT010 + CIMSRESC-INV-RES-
UNIT011
COMPUTE: IO-CHARGE = CIMSRESC-INV-MONEY010 + CIMSRESC-INV-
MONEY011
COMPUTE: UR-CHARGE = 0
COMPUTE: SETUP-CHARGE = 0
COMPUTE: TOTAL-CHARGE = CIMSRESC-INV-MONEY009 + IO-CHARGE
+
UR-CHARGE + SETUP-CHARGE
COLUMNS:
ACCOUNT-CODE('ACCOUNT')
DESC('DESCRIPTION')
TSOUSER('JOBNAME')
JOBS(PIC'ZZZ,ZZ9' 'NBR|JOBS')
CIMSRESC-INV-RES-UNIT009(PIC'ZZZ,ZZ9.99' 'TOTAL|CPU TIME')
CIMSRESC-INV-MONEY009(PIC'ZZZ,ZZ9.99' 'PROCESS|CHARGE')
IO-RES(PIC'ZZZ,ZZZ,ZZ9' 'TOTAL I/O COUNT')
IO-CHARGE(PIC'ZZZ,ZZ9.99' 'I/O CHARGE')
UR-CHARGE(PIC'ZZZ,ZZ9.99' 'U/R CHARGE')
SETUP-CHARGE(PIC'ZZZ,ZZ9.99' 'SETUP|CHARGE')
TOTAL-CHARGE(PIC'ZZZ,ZZ9.99' 'TOTAL|CHARGE')
SORT: ACCOUNT-CODE TSOUSER
BREAK: ACCOUNT-CODE
NOTOTAL
FOOTING(ACCOUNT-CODE 29 #ITEM
CIMSRESC-INV-RES-UNIT009(TOTAL PIC'ZZZ,ZZ9.99')
CIMSRESC-INV-MONEY009(TOTAL PIC'ZZZ,ZZ9.99')
IO-RES(TOTAL PIC'ZZZ,ZZZ,ZZ9')
IO-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')
UR-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')
SETUP-CHARGE(TOTAL PIC'ZZZ,ZZ9.99')
TOTAL-CHARGE(TOTAL PIC'ZZZ,ZZ9.99'))
BREAK: #GRAND
TOTAL('RUN TOTALS...')
```


SPWTR910

Account Code Usage Report by TSO User ID

SPWTR910 REPORT			CIMS JOB ACCOUNTING SYSTEM ACCOUNT CODE USAGE REPORT								PAGE 1
ACCOUNT	DESCRIPTION	JOBNAME	NBR JOBS	TOTAL CPU TIME	PROCESS CHARGE	TOTAL I/O COUNT	I/O CHARGE	U/R CHARGE	SETUP CHARGE	TOTAL CHARGE	
AABBB001	AAB COMPUTER ACT	CN01200	1	77.61	44.40	539	0.77	0.00	0.00	45.17	
AABBB001			1	77.61	44.40	539	0.77	0.00	0.00	45.17	
AABBB002	AAB COMPUTER AP	CN01000	1	56.37	39.09	2,684	3.88	0.00	0.00	42.97	
AABBB002			1	56.37	39.09	2,684	3.88	0.00	0.00	42.97	
AABBB003	AAB COMPUTER AR	CN01700	1	0.00	0.00	0	0.00	0.00	0.00	0.00	
AABBB003			1	0.00	0.00	0	0.00	0.00	0.00	0.00	
AABBB004	AAB COMPUTER DIS	CN02004	1	0.00	0.00	0	0.00	0.00	0.00	0.00	
AABBB004			1	0.00	0.00	0	0.00	0.00	0.00	0.00	
AABBB005	AAB COMPUTER MFG	CN00500	1	65.73	42.73	1,439	2.16	0.00	0.00	44.89	
AABBB005			1	65.73	42.73	1,439	2.16	0.00	0.00	44.89	
AABBB006	AAB COMPUTER MKT	CN09099	1	17.31	11.25	642	0.96	0.00	0.00	12.21	
AABBB006			1	17.31	11.25	642	0.96	0.00	0.00	12.21	
RUN TOTALS....			6	217.02	137.47	5,304	7.77	0.00	0.00	145.24	

SPWTR911

RJE Detail Report by Remote Name

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR911)

CIMSDATA DETAIL REPORT BY REMOTE NAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 47 & 48 RJE
- SORTED BY REMOTE NAME
- COLUMNS INCLUDE: REMOTE NAME
LINE NAME
PASSWORD
DATE
START TIME
END TIME
RECORD TYPE
SIO'S
NEGATIVE ACKNOWLEDGEMENTS
DATA CHECKS
TIME OUTS
LINE ERRORS
- CONTROL BREAK ON REMOTE NAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: SMFRCRJE-RECORD
INCLUDEIF: ((SMFRCRJE-SMFRTY = 47) OR
            (SMFRCRJE-SMFRTY = 48))
TITLE: 'SPWTR911' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
#PAGENUM
TITLE: / 'DUMP RAW RJE SMF RECORDS' /
COMPUTE: RUN-DATE = #FORMAT(SMFRCRJE-SMFDTE,C-YYMMDD)
COMPUTE: START-TIME = WHEN(SMFRCRJE-SMFRTY = 47)
            ASSIGN(SMFRCRJE-SMFTIME)
            ELSE
            ASSIGN(0)
```

(continued...)

(Control Statements continued...)

```
COMPUTE: END-TIME = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFTIME)
            ELSE
            ASSIGN(0)
COMPUTE: REC-TYPE = #FORMAT(SMFRCRJE-SMFRTY)
COMPUTE: M-SMFIO = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFIO)
            ELSE
            ASSIGN(0)
COMPUTE: M-SMFNAK = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFNAK)
            ELSE
            ASSIGN(0)
COMPUTE: M-SMFDCK = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFDCK)
            ELSE
            ASSIGN(0)
COMPUTE: M-SMFOUT = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFOUT)
            ELSE
            ASSIGN(0)
COMPUTE: M-SMFERR = WHEN(SMFRCRJE-SMFRTY = 48)
            ASSIGN(SMFRCRJE-SMFERR)
            ELSE
            ASSIGN(0)
COLUMNS: SMFRCRJE-SMFRMT('REMOTE|NAME')
            SMFRCRJE-SMFLIN('LINE|NAME')
            SMFRCRJE-SMFPSW('PASSWORD')
            RUN-DATE('DATE')
            START-TIME(TPIC'99:99:99''START TIME')
            END-TIME(TPIC'99:99:99''END TIME')
            REC-TYPE('REC TYPE')
            M-SMFIO(PIC'ZZZZZZZZ9' 'INPUT|OUTPUT')
            M-SMFNAK(PIC'ZZZZZZZZ9' 'NEG ACKS')
            M-SMFDCK(PIC'ZZZZZZZZ9' 'DATA CHECKS')
            M-SMFOUT(PIC'ZZZZZZZZ9' 'TIME OUTS')
            M-SMFERR(PIC'ZZZZZZZZ9' 'LINE ERRORS')
SORT: SMFRCRJE-SMFRMT SMFRCRJE-SMFLIN SMFRCRJE-SMFPSW
            SMFRCRJE-SMFDTE SMFRCRJE-SMFTIME SMFRCRJE-SMFRTY
BREAK: SMFRCRJE-SMFRMT
            TOTAL(SMFRCRJE-SMFRMT)
BREAK: #GRAND
            TOTAL('TOTALS.....')
```

SPWTR911

CIMS JOB ACCOUNTING SYSTEM
DUMP RAW RJE SMF RECORDS

PAGE 1

REMOTE NAME	LINE NAME	PASSWORD	DATE	START TIME	END TIME	REC TYPE	INPUT OUTPUT	NEG ACKS	DATA CHECKS	TIME OUTS	LINE ERRORS
RMT89	LINE43		960428	06:26:30	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	07:37:18	48	6308	0	0	0	3
RMT89	LINE43		960428	07:38:17	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	07:41:23	48	294	0	0	0	3
RMT89	LINE43		960428	09:36:26	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	10:32:22	48	3632	0	1	21	24
RMT89	LINE43		960428	10:43:00	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	11:22:00	48	1993	0	0	0	3
RMT89	LINE43		960428	11:29:46	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	14:32:02	48	6481	0	0	7	5
RMT89	LINE43		960428	14:37:27	00:00:00	47	0	0	0	0	0
RMT89	LINE43		960428	00:00:00	14:59:04	48	2402	0	1	3	6
RMT89							21110	0	2	31	44
RMT99	LINE37		960428	00:37:57	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	00:42:32	48	67	0	0	0	0
RMT99	LINE37		960428	00:54:05	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	00:57:31	48	67	0	0	0	0
RMT99	LINE37		960428	01:12:35	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	01:16:03	48	67	0	0	0	0
RMT99	LINE37		960428	01:31:09	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	01:34:36	48	67	0	0	0	0
...	..										
RMT99	LINE37		960428	03:03:38	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	03:07:04	48	67	0	0	0	0
RMT99	LINE37		960428	03:22:07	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	03:25:33	48	67	0	0	0	0
RMT99	LINE37		960428	03:40:39	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	03:44:06	48	67	0	0	0	0
RMT99	LINE37		960428	03:59:08	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	04:02:38	48	68	0	0	0	0
RMT99	LINE37		960428	22:45:22	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	22:48:50	48	67	0	0	0	0
RMT99	LINE37		960428	23:03:52	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	23:07:18	48	67	0	0	0	0
RMT99	LINE37		960428	23:22:22	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	23:25:51	48	69	0	0	0	0
RMT99	LINE37		960428	23:40:51	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960428	00:00:00	23:44:18	48	67	0	0	0	0
RMT99	LINE37		960428	23:59:17	00:00:00	47	0	0	0	0	0
RMT99	LINE37		960429	00:00:00	00:02:43	48	67	0	0	0	0
RMT99							1144	0	0	0	0
TOTALS.....							22254	0	2	31	44

SPWTR920

INFOPAC RDS Detail Report

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR920)

CIMSDATA DETAIL REPORT BY JOBNAME:

- RECORDS PRODUCED BY PROGRAM CIMSDATA DDNAME CIMSSMF
- PROCESSES RECORD TYPE 201 INFOPAC
- PROCESSES SUB TYPE 01
- SORTED BY JOBNAME
- COLUMNS INCLUDE: JOBNAME

- JOB NUMBER
- ACCOUNT CODE
- JOB START TIME
- JOB START DATE
- REPORT ID
- PRINTER ID
- NUMBER OF PAGES WRITTEN
- NUMBER OF LINES WRITTEN

- CONTROL BREAK ON JOBNAME
- DETAIL REPORT

REPORT WRITER CONTROL STATEMENTS

```
INPUT: CINFOPAC-RECORD
TITLE: 'CIMSDATA      ' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY '
PAGE' #PAGENUM
TITLE: / 'INFOPAC DETAIL REPORT' /
TITLE: ' '
INCLUDEIF: (CINFOPAC-SMFR1TYP = X'C9' AND
            CINFOPAC-SMFR1STY = X'0001')
COLUMNS:
  CINFOPAC-R1HJNAM('JOB NAME')
  CINFOPAC-R1HJID('JOB |NUMBER')
  CINFOPAC-R1HACC3('ACCT CODE')
  CINFOPAC-R1STRTIM(PIC'99:99:99' 'START|TIME')
  CINFOPAC-R1STRDTE(PIC'Z9/99/99' 'START|DATE')
  CINFOPAC-R1REPORT('REPORT ID')
  CINFOPAC-R1PRINT('PRINTER|NAME')
  CINFOPAC-R1PAGES(PIC'ZZZ,ZZ9' 'NUM OF PAGES|WRITTEN')
  CINFOPAC-R1LINES(PIC'ZZZ,ZZ9' 'NUM OF LINES|WRITTEN')
SORT: CINFOPAC-R1HJNAM
BREAK: CINFOPAC-R1HJNAM
      TOTAL(CINFOPAC-R1HJNAM)
BREAK: #GRAND
      TOTAL('TOTALS.....')
```

SPWTR920

INFOPAC RDS Detail Report

CIMSDATA			CIMS JOB ACCOUNTING SYSTEM INFOPAC DETAIL REPORT				PAGE	1
JOB NAME	JOB NUMBER	ACCT CODE	START TIME	START DATE	REPORT ID	PRINTER NAME	NUM OF PAGES WRITTEN	NUM OF LINES WRITTEN
BTAD143I	JOB06102	BTADINFO	14:23:25	96/07/12	CRA00005	PRT1	1	82
BTAD143I							1	82
CBKI614F	JOB06755	CHPRCHTE	15:03:28	96/07/12	TER00042TE	PRT1	4	94
CBKI614F	JOB06755	CHPRCHTE	15:03:29	96/07/12	TER00042TE	PRT1	1	16
CBKI614F	JOB06755	CHPRCHTE	15:03:29	96/07/12	TER00042TE	PRT1	1	15
....								
CBKI614F	JOB06755	CHPRCHTE	15:03:35	96/07/12	TER00042TE	PRT1	1	13
CBKI614F	JOB06755	CHPRCHTE	15:03:36	96/07/12	TER00042TE	PRT1	1	12
CBKI614F							39	629
CCOI121V	JOB06070	CHPRCHCL	14:22:44	96/07/12	CLR00024P	PRT2	2	42
CCOI121V	JOB06070	CHPRCHCL	14:22:44	96/07/12	CLR00024P	PRT2	3	140
CCOI121V	JOB06070	CHPRCHCL	14:22:44	96/07/12	CLR00025P	PRT2	1	12
CCOI121V	JOB06070	CHPRCHCL	14:22:44	96/07/12	CLR00025P	PRT2	1	12
CCOI121V	JOB06070	CHPRCHCL	14:22:44	96/07/12	CLR00234P	PRT2	10	193
CCOI121V	JOB06070	CHPRCHCL	14:23:10	96/07/12	CLR00025P	PRT2	1	17
....								
CCOI121V	JOB06070	CHPRCHCL	14:23:32	96/07/12	CLR00024P	PRT2	8	297
CCOI121V	JOB06070	CHPRCHCL	14:23:32	96/07/12	CLR00025P	PRT2	1	17
CCOI121V	JOB06070	CHPRCHCL	14:23:33	96/07/12	CLR00025P	PRT2	1	17
CCOI121V	JOB06070	CHPRCHCL	14:23:33	96/07/12	CLR00234P	PRT2	12	252
CCOI121V	JOB06070	CHPRCHCL	14:23:33	96/07/12	CLR00234P	PRT2	32	953
CCOI121V							2,633	101,404
....								
....								
....								
RPT88302	JOB07277	CHPRCHME	15:44:58	96/07/12	MER0045883	PRT2	1	27
RPT88302	JOB08586	CHPRCHME	17:35:38	96/07/12	MER0052883	PRT2	1	12
RPT88302	JOB08587	CHPRCHME	17:35:15	96/07/12	MER0038883	PRT2	2	21
RPT88302	JOB08587	CHPRCHME	17:35:15	96/07/12	MER0049883	PRT2	1	14
RPT88302	JOB08587	CHPRCHME	17:35:15	96/07/12	MER0054883	PRT2	1	13
RPT88302	JOB08588	CHPRCHME	17:35:54	96/07/12	MER0053883	PRT2	1	10
RPT88302							7	97
TOTALS.....							14,268	434,703

SPWTR930

REPORT DESCRIPTION

The control statements for this report are found in member:

CIMS.REPTLIB(SPWTR930)

hour summary report by sub system id:

- RECORDS PRODUCED BY PROGRAM CIMSACCT DDNAME CIMSACCT
- PROCESSES RECORD TYPES 30
- SUB RECORD TYPE 2 OR 3 (STEP INTERVAL RECORD)
- SORTED BY INTERVAL START TIME, INTERVAL START HOUR, SUB SYSTEM ID
- COLUMNS INCLUDE: INTERVAL START DATE
INTERVAL START HOUR
SUB SYSTEM ID
TOTAL CPU TIME
TOTAL SIO
- CONTROL BREAK ON SUB SYSTEM ID, INTERVAL START HOUR,
INTERVAL START DATE
- DETAIL REPORT (CAN BE OUTPUT TO LOTUS FILE IN SUMMARY FORMAT)

REPORT WRITER CONTROL STATEMENTS

OPTION: SUMMARY

*

TO WRITE THIS REPORT OUT IN A LOTUS FILE FORMAT, SPECIFY:

OPTION: OUTPUT(LOTUS)
SUMMARY

*

INPUT: CIMRC030-RECORD

```
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND  
            (CIMRC030-SMF30STP = 2 OR  
             CIMRC030-SMF30STP = 3) AND  
            CIMRC030-DELETE-CODE = ' ')
```

*

(continued...)

Interval Started Task Report by Hour

(Control Statements continued...)

TO SELECT CERTAIN STARTED TASK, SPECIFY THE INCLUDEIF STATEMENT AS FOLLOWS:

```
INCLUDEIF: (CIMRC030-REC-TYPE = 30 AND  
            (CIMRC030-SMF30STP = 2 OR  
             CIMRC030-SMF30STP = 3) AND  
            CIMRC030-SMF30WID = 'JES2' AND  
            CIMRC030-SMF30WID = 'TSO ' AND  
            CIMRC030-SMF30WID = 'STC ' AND  
            CIMRC030-DELETE-CODE = ' ')
```

*

TITLE: 'SPWTR930' / 'CIMS JOB ACCOUNTING SYSTEM' / #TODAY ' PAGE'
#PAGENUM

TITLE: / 'INTERVAL STARTED TASK REPORT' /
COMPUTE: HOUR = #FORMAT(CIMRC030-I-START-TIME)
COMPUTE: HOURS = #SUBSTR(HOUR,1,2)

COMPUTE: TCB = CIMRC030-STEP-TCBCPU-TIME

COMPUTE: SRB = CIMRC030-STEP-SRBCPU-TIME

COMPUTE: TOTAL-CPU-TIME = TCB + SRB

COLUMNS: CIMRC030-I-START-DATE('INTERVAL|START|DATE') 5
HOURS('HOURS') 10

CIMRC030-SMF30WID('SUB-ID') 15

TOTAL-CPU-TIME(PIC'ZZZZZZZZ9.99' 'TOT CPU|SS.SS') 15

CIMRC030-SIOS(PIC'ZZZZZZZZ' 'TOTAL SIO')

SORT: CIMRC030-I-START-DATE HOURS CIMRC030-SMF30WID

BREAK: CIMRC030-SMF30WID

NOTOTAL

FOOTING(CIMRC030-I-START-DATE 5

HOURS 13

CIMRC030-SMF30WID 17

TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99') 15

CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')

BREAK: HOURS

NOTOTAL

FOOTING(CIMRC030-I-START-DATE 5

HOURS 34

TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99') 15

CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')

BREAK: CIMRC030-I-START-DATE

NOTOTAL

FOOTING(CIMRC030-I-START-DATE 41

TOTAL-CPU-TIME(TOTAL PIC'ZZZZZZZZ9.99') 15

CIMRC030-SIOS(TOTAL PIC'ZZZZZZZZ')

BREAK: #GRAND

TOTAL('TOTALS...')

SPWTR930		CIMS JOB ACCOUNTING SYSTEM		PAGE 1	
		INTERVAL STARTED TASK REPORT			
INTERVAL START DATE	HOURS	SUB-ID	TOT CPU SSS.SS	TOTAL SIO	
04/27/96	08	JES2	4.72	1214	
04/27/96	08	STC	6.10	654	
04/27/96	08	TSO	1.01	113	
04/27/96	08		11.83	1981	
04/27/96	09	JES2	2.50		
04/27/96	09	STC	24.37	2643	
04/27/96	09	TSO	0.87	73	
04/27/96	09		27.74	2716	
::	::	::			
04/27/96	14	JES2	1.23		
04/27/96	14	STC	13.30	1310	
04/27/96	14	TSO	0.79	115	
04/27/96	14		15.32	1425	
04/27/96	15	JES2	3.19	382	
04/27/96	15	TSO	5.22	1062	
04/27/96	15		8.41	1444	
04/27/96	16	TSO	1.02	88	
04/27/96	16		1.02	88	
04/27/96	19	JES2	55.75	47043	
04/27/96	19	TSO	3.68	500	
04/27/96	19		59.43	47543	
04/27/96	20	JES2	215.82	202840	
04/27/96	20	TSO	10.54	3979	
04/27/96	20		226.36	206819	
04/27/96	21	JES2	8.14	23541	
04/27/96	21	TSO	3.72	757	
04/27/96	21		11.86	24298	
TOTALS...			559.08	308315	

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