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Gravity Probe B Relativity Mission

MOC SVR for Sybase 12.5.0.3 Regression Testing

50960
8960 Rev -
November 7, 2003

Approvals

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Carin Kahn Database Development		11/7/03
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Tom Langenstein ITAR Assessment Performed, ITAR Control Req'd?

Yes ☒ No ☐ 11/11/03

ARCHIVE COPY

History

REV	DATE	AUTHOR	COMMENTS
-	11/7/03	R Sharbaugh	Initial version

1 INTRODUCTION

This Document details the execution of the Sybase 12.5.0.3 test plan detailed in P1073 rev -.

2 APPLICABLE DOCUMENTS

Document	Document No.	ALIAS
POD Configurations at LM and SU	S0475	
MOC Configuration Control, IONET LAN	S0476	

3 SOFTWARE VERIFICATION REPORT

See attachment 1: as-run P1073 rev-

ATTACHMENT 1

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -
OCTOBER 20, 2003



AS RUN

W. W. Hansen Experimental Physics Laboratory

STANFORD UNIVERSITY

STANFORD, CALIFORNIA 94305 - 4085

Gravity Probe B Relativity Mission

P01073
Revision -

Sybase 12.5.0.3 Patch Test Procedure

October 28, 2003

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Date

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Ron Sharbaugh 10/30/03
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Software Quality Engineer

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Tom Langenstein 11/12/03
Tom Langenstein ITAR Assessment Performed, ITAR Control Req'd? _ Yes ☒ No

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1. CHANGE HISTORY

REV	DATE	AUTHOR	COMMENTS
initial	Oct 28, 2003	RHT	Initial release

2. REFERENCE DOCUMENTS

Document No.	Document
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P0949	Operational Procedure for Baseline and Regression Testing of TDP
P0826	Telemetry Data Processing in the Non-Real Time System
S0477	MOC Configuration Control, Science LAN
S0476	MOC Configuration Control, IONET LAN
P480571D	Non-Real Time Ground Software

3. SCOPE

The test is not conducted on the production database. The test uses the backup database attached to the Science-Crunch server.

This test plan document describes the test procedure used to verify:

1. Patch fixes a known bug (occurs after cmdgen call); and
2. Patch does not affect the data copied to the database.

4. OPERATIONAL PERSONNEL

This procedure is to be conducted only by the following personnel:

1. Jennifer Spencer (SYBASE, TCAD)
2. Carin Kahn (SYBASE)
3. Ron Sharbaugh (CMDGEN, PARAMGEN)
4. Tim Walsh (OD)
5. Vladimir Solomonik or Michael Heifetz (SCIENCE)

5. RISKS & CONSTRAINTS

This is not a system test but rather relies on a thorough unit testing of a known bug and unit testing of the database affected by the patch.

6. QUALITY ASSURANCE PROVISIONS

6.1 This procedure shall be conducted on a formal basis to its latest approved and released version. Software QA (K. Burlingham) shall be notified 24 hours prior to the start of this procedure. QA may monitor the execution of all or part of this procedure should they elect to do so.

6.2 QA notification time/date:

Date/time: 10/30/03 4²⁸
GP-B QA (K. Burlingham)



6.3 Upon completion of this procedure, GP-B QA shall certify her/his concurrence that the procedure was performed and accomplished in accordance with the prescribed instructions by signing and dating his approval at the end of this procedure.

6.4 QA may redline this procedure.

7. GENERAL INSTRUCTIONS

7.1 Redlines can be initiated by the personnel listed in Section 4 and must be approved by QA.

7.2 Operators shall read this procedure in its entirety and resolve any apparent ambiguities before beginning this procedure.

7.3 Any nonconformance or anomaly is to be reported by a DLOG. Refer to the Software Quality Assurance Plan, P0630, for guidance. Do not alter or break configuration if a failure occurs; notify Software Quality Assurance.

7.4 Only the following persons have the authority to exit/terminate this test or perform a retest: Certified operators listed in Section 4 and GP-B QA.

8. TEST ENVIRONMENT

The test environment is comprised of the following platforms and modules.

Software Configurations	Version Number
Solaris	5.6 (CGEN, PGEN)
Solaris	5.8 (BCP, OD)
Command Generation	1.6
Paramenter Generation	1.6
TCAD	LASP-2.0
OD	OD-1.2

9. TEST CASES AND FILE VERSION MATRIX

The files listed below are the tested configuration of the CSCI and the test cases that test each module:

File Name	File version	Test Name	Test Section
Sybase	12.5.0.3	CGEN1	11.1
"	"	BCP1	11.2
"	"	CGEN2	11.3
"	"	PGEN1	11.4
"	"	TCAD1	11.5
"	"	OD1	11.6
"	"	SCI1	11.7

10. CSCI UNDER TEST

Sybase	Version	ASE 12.5.0.3 ebf 11331
--------	---------	------------------------

Test Operator: (SYBASE)	Carin Kahn	Name:	Carin Kahn
----------------------------	------------	-------	------------

Test Operator: (GCEN/PGEN)	Ron Sharbaugh	Name:	Ron Sharbaugh
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Test Operator: (TCAD)	Ron Sharbaugh	Name:	Ron Sharbaugh
--------------------------	---------------	-------	---------------

Test Operator: (OD) <i>Tim Walsh</i>	Name: <i>Tim Walsh</i>
Test Operator: (Science) <i>Vladimir Solomonik</i>	Name: <i>Vladimir Solomonik</i>
Start of Testing	Date: <i>10/30/03</i> Time: <i>4:30pm PST</i>

11. TEST CASES

Notes:

1. Test cases need not be performed in the order provided below except where specified.
2. Various test cases may/will be performed by various CSCI experts.

11.1. CGEN1: Command Generation

Test Case Verification Number: CGEN1

INTRODUCTION

This test case will show that Command Generation call does not cause Sybase to hang forcing a Sybase reset.

APPROACH

Run cmdgen continuously (minimum of 6 hours). Verify Sybase functioning properly by executing sp.who in Sybase. After cmdgen is terminated, check user "cmdops" jobs to verify user is no longer present.

FEATURES TO BE TESTED

Command generation does not hang.

FEATURES NOT TO BE TESTED

Command Generation output files are same as with 12.5.0.1 (see CGEN2 test)

PASS/FAIL

Pass/Fail Conditions: Sybase does not hang.

Activity	Pass / Fail
11.1.1 Initiate continuous cmdgen call. Start Time: <i>00:38:32 10/31/03</i> <i>See Attach 11.1.1a + 11.1.1b</i>	<i>P</i>
11.1.2 Verify normal Sybase operation using sp_who in Sybase. See Attachment: <i>11.1.2</i>	<i>P</i>
11.1.3 Terminate cmdgen call. Stop Time: <i>17:08 10/31/03 Z</i> # Times Executed: <i>1435</i>	<i>P</i>

11.1.4 Verify user cmdops is no longer present on server. See Attachment: <i>11.1.4</i>	<i>P</i>
11.1.5 Check Sybase error log for new messages regarding "time to live expired on". See Attachment: <i>11.1.5</i>	<i>P</i>

11.2. BCP1: Verify Data

Test Case Verification Number: BCP1

INTRODUCTION

This test verifies that Sybase patch has not changed the data copied to the database.

APPROACH

Process SRE test file (framex file in /home/tdp/functionals/...) using auto_import.exp with check only flag. Bulk copy tmanalog. tmp file in binary to database(source environment variables file and reference -S science_pc in bcp line). Create view, then bcp view out. ~~Unix "diff" bcp "out" and "in" to show data has not changed.~~ *Do same thing on production & backup server and compare the files bcp'd out.*

FEATURES TO BE TESTED

Use a dataset that has been BCP'd into the 12.5.0.1 database for the TCAD1 test below.

FEATURES NOT TO BE TESTED

N/A

PASS/FAIL

Pass/Fail Conditions: No difference between data "in" and data "out".

Activity	Pass / Fail
11.2.1 Process data file and BCP to backup database. <i>Attach 11.2.1a, 11.2.1b</i>	<i>P</i>
11.2.2 BCP data from backup database to binary file.	<i>P</i>
11.2.3 Use Unix "diff" to compare database data "in" and "out" <i>Attach 11.2.4</i>	<i>P</i>

11.2.3 Create a tmanalog file in prod db. bcp in and then out from the table.

11.3. COMMAND GEN Regression Test *Attach 11.2.3a, 11.2.3b*

Test Case Verification Number: CGEN2

INTRODUCTION

This regression test shows that command generation outputs the same files under 12.5.0.1 as it does under 12.5.0.3. Command generation only runs on moc1, which has the sybase 11.9.2 API.

APPROACHSU GP-B
INSP 23SU GP-B
INSP 23SU GP-B
INSP 23

Use command generation to compile a "mission timeline file" that was used in sim7. Do a diff between the output files just created vs. the equivalent ones in sim7, and the only allowable differences are:

- Run date
- Run directory

- Execution Time

SU GP-B
INSP 23

FEATURES TO BE TESTED

The load file shall contain "D" tasks which were populated with PARAMGEN1.

FEATURES NOT TO BE TESTED

N/A

PASS/FAIL

Pass/Fail Conditions: Only differences are those detailed above

Activity	Pass / Fail
Copy sim7 mission timeline file Enter source path: <i>~rcm/str43/mrp/moc-regression/P1073patch/mission/</i> Enter destination path: <i>ccspmg-p1073 007p.mg-p1073-12.5.0.1</i>	<i>P</i>
Run command generation, using science_pc sybase server (DSQUERY) <i>1st attempt lock-up 12.5.0.1 server</i>	<i>P</i>
Diff files show regression test passes See attachment: <i>11.3</i>	<i>P</i>

11.4. PARAMGEN Regression Test

Test Case Verification Number: PGEN1

INTRODUCTION

This regression test shows that parameter generation outputs the same files under 12.5.0.1 as it does under 12.5.0.3. Paramgen only runs on moc1, which has the sybase 11.9.2 API.

APPROACH

Use parameter generation to populate the database, and create a report file. Do a diff between the report file just created vs. the equivalent one in sim7, and the only allowable differences are:

- Run date
- Run directory

FEATURES TO BE TESTED

Data in/out of Sybase same as with 12.5.0.1.

FEATURES NOT TO BE TESTED

Not all paramgen types will be tested – they all use the same 3 tables in Sybase.

PASS/FAIL

Pass/Fail Conditions: Only differences are those detailed above

Activity	Pass / Fail
----------	-------------

Copy sim7 paramgen input data file(s) Enter source path: <i>~mac/paramgen/ccu-pid/</i>	<i>✓</i>
Enter destination path: <i>ccu-pid-Instance_50528-0303-33-11_Pn.txt</i>	
Run param generation, using science_pc sybase server (DSQUERY) <i>a) Report From copying - P01073-12.5.0.1</i> <i>b) Populate & report " .3</i>	<i>✓</i>
Diff files show regression test passes See attachment: <i>11.4f</i>	<i>✓</i>

11.5. TCAD Regression Test

Test Case Verification Number: TCAD1

INTRODUCTION

This regression test shows that TCAD extracts the same data under 12.5.0.1 as is does under 12.5.0.3.

APPROACH

This test follows BCP1.

Use TCAD to both display and extract to file data from the BCP1 test on both servers.

FEATURES TO BE TESTED

Data out of Sybase same as with 12.5.0.1

FEATURES NOT TO BE TESTED

N/A

PASS/FAIL

Pass/Fail Conditions: TCAD plots shall visually look identical. Data files shall "diff" the same.

Activity	Pass / Fail
Cycle#, start time, end time: <i>-2440, 2000/002-01:47:36.9, +0.2</i>	<i>F</i>
Plot & File created on 12.5.0.1 system. Plot is attachment: <i>11.5.3d</i> Data File full path: <i>~R0W/P1073-TCAD.12.5.0.1.data</i>	<i>P</i>
Change interfaces file to access 12.5.0.3 database <i>Source SYBASE.csh</i> <i>See ATTACH: 11.5.3a, 11.5.3b</i>	<i>P</i>
Plot & File created on 12.5.0.3 system. Plot is attachment: <i>11.5.3c</i> Data File full path: <i>~R0W/P1073-TCAD.12.5.0.3.data</i>	<i>P</i>
Plots are visually identical	<i>P</i>

SU GP-B
INSP 23SU GP-B
INSP 23

Diff shows files the same. Attachment: 11.5.3.e	P
Revert interfaces files back to 12.5.0.1 database N/A	N/A

SU GP-B
INSP 23SU GP-B
INSP 23**11.6. OD Regression Test**

Test Case Verification Number: OD1

INTRODUCTION

OD resides on the science network, and it utilizes the 12.5 API.

APPROACH

On both the 12.5.0.1 and the 12.5.0.3 databases:

- use microcosm to ingest a orbit into the database.
- Extract the orbit from the database.
- Create a STK 'e' file from the extracted orbit.

The "e" files shall be compared.

FEATURES TO BE TESTED

Data in/out of Sybase same as with 12.5.0.1.

FEATURES NOT TO BE TESTED

N/A

PASS/FAIL

Pass/Fail Conditions: "e" files results shall have the same ephemeris.

Activity	Pass / Fail
Using a microcosm generated orbit, ingest a orbit into the database on 12.5.0.1 server. Enter full path to data: /home/science/od-ops/analysis/Regression-Testing/Sybase-Regression-11-07-2003/	P
Extract the orbit from the 12.5.0.1 database Enter full path to data: ANA GPS TOD 2003:309:18:07:02 Sybase Regression Testing 12.5.0.1	P
Create an "e" file for the 12.5.0.1 data. Attachment: Sybase-regression-12-5-0-1.e 11.6a 11.6b	P
Using a microcosm generated orbit, ingest a orbit into the database on 12.5.0.3 server. Enter full path to data: /home/science/od-ops/analysis/Regression-Testing/Sybase-Regression-11-07-2003/	P
Extract the orbit from the 12.5.0.3 database Enter full path to data: ANA GPS TOD 2003:309:18:07:02 Sybase Regression Testing 12.5.0.3	P
Create an "e" file for the 12.5.0.3 database. Attachment: Sybase-regression-12-5-0-3.e 11.6c	P
Verify the "e" files have the same ephemeris Unix "sdiff" attached 11.6d	P

11.7. SCIENCE Regression Test

Test Case Verification Number: SCI1

INTRODUCTION

The science group reads from "L1", writes to "L2", and reads from "L2". This test checks these database accesses.

APPROACH

Define a regression test that shows 12.5.0.1 and 12.5.0.3 databases process a data set identically.

FEATURES TO BE TESTED

Data in/out of Sybase same as with 12.5.0.1.

FEATURES NOT TO BE TESTED

Only a subset of the

PASS/FAIL

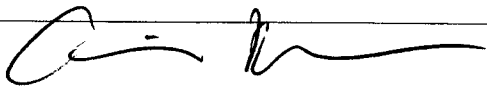
Pass/Fail Conditions: "e" files results shall have the same ephemeris.

Activity	Pass / Fail
Read from "L1" on sybase 12.5.0.1 database. Attachment: 11.7.a	P
Write to "L2" on sybase 12.5.0.1 database. Attachment: 11.7.c	P
Read from "L2" on 12.5.0.1 database. Attachment: 11.7.c.	P
Read from "L1" on sybase 12.5.0.3 database. Attachment: 11.7.a	P
Write to "L2" on sybase 12.5.0.3 database. Attachment: 11.7.d	P
Read from "L2" on 12.5.0.3 database. Attachment: 11.7.d	P
Show that the 12.5.0.1 results match the 12.5.0.3 results Attachment: 11.7.a, 11.7.d	P

12. CERTIFICATION

I certify that this procedure was performed in whole and that the data recorded above is complete and accurate.

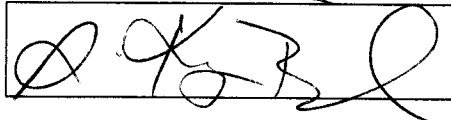
Test
Engineer



Date

11/7/03

This is to certify that the information obtained under this test procedure is as represented and the documentation is completed and correct.

Quality
Assurance

Date

11/7/03

13. GLOSSARY

This section contains an alphabetic list and definitions of all acronyms used in the document, all proper nouns, and any words used in a non-standard way.

Word	Detail
BCP	Sybase bulk copy utility
LASP	Laboratory for Atmospheric and Space Physics, University of Colorado
moc-server	Host name of the SUN computer that is the primary server for the MOC.
science server	Host name of the SUN computer which is the primary server for science LAN
science crunch	Host name of the SUN computer which is the backup server for science LAN
MOC	Mission Operations Center
MCR	MOC Change Request

untitled3

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ATT 11.79

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P1073 11.7 Level 1 12-5.0.3 2/3

10:32:17 PM

Your variables are:

ans newData

>> load L1_OLDDATABASE.mat

>> who

Your variables are:

ans datallread newData

>> find (datallread ~=newData)

→ SAME!

ans =

Empty matrix: 0-by-1

>> newData(1,2)=0;

>> find (datallread ~=newData)

→

ans =

430583

>>

l1readTest

l2read test started

l2read test passed

l1read test started

l1read test passed

clear

ls

ans =

L1_OLD.mat

L1_OLDDATABASE.mat

l1readTest.m

L2connect.m

l2readWri ✓

teTest.m testReadWrite.m~

who

Your variables are:

ans

load L1_OLD.mat

ls

ans =

L1_OLD.mat

L1_OLDDATABASE.mat

l1readTest.m

L2connect.m

l2readWri ✓

teTest.m testReadWrite.m~

who

Your variables are:

ans datallread

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newData = datallread;

clear datallread

who

Your variables are:

ans newData

load L1_OLDDATABASE.mat

who

Your variables are:

ans datallread newData

find (datallread ~=newData)

ans =

Empty matrix: 0-by-1

newData(1,2)=0;

find (datallread ~=newData)

ans =

430583

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

0	54	running	autosci	autosci		0	L2	BULK
INSERT		0						

(1 row affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

0	54	sleeping	autosci	autosci		0	L2	BULK
INSERT		0						

(1 row affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
		block_xloid						

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd

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ATT 11.7b

untitled4

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10:59:24 PM

block_xloid

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
-----	------	--------	----------	----------	----------	----------	--------	-----

block_xloid

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
-----	------	--------	----------	----------	----------	----------	--------	-----

block_xloid

(0 rows affected)

(return status = 0)

fid	spid	status	loginame	origname	hostname	blk_spid	dbname	cmd
-----	------	--------	----------	----------	----------	----------	--------	-----

block_xloid

(0 rows affected)

(return status = 0)

^C^C

[CanCan]

1>

Fri Oct 31 00:38:32 2003

1

```
{ron@mocl:63} echo $SYBASE
/apps/installed/sybase
{ron@mocl:64} ( cd $SYBASE ; pwd )
/apps/installed/sybase-11.9.2
{ron@mocl:65} workspace parent
/projects/moc/stk43/itf/sim7/2003_265_sim7
{ron@mocl:66} pwd
/home/ron/stk43/mp_test/mocl_regression_PREpatch/timeline/008pong_P1073
{ron@mocl:67} date
Fri Oct 31 00:38:17 GMT 2003
{ron@mocl:68} ls -l
total 1320
drwxr-sr-x 2 ron users 512 Oct 10 15:59 etc/
-rw-r--r-- 1 ron users 8656 Oct 31 00:34 pong008.txt
-rw-r--r-- 1 ron users 37135 Oct 31 00:35 pong32690800.dat
-rw-r--r-- 1 ron users 245654 Oct 31 00:35 pong32690800.lis
-rw-r--r-- 1 ron users 10941 Oct 31 00:35 pong32690800.load
-rw-r--r-- 1 ron users 55817 Oct 31 00:35 pong32690800.obj
-rw-r--r-- 1 ron users 117283 Oct 31 00:35 pong32690800.rtf
-rw-r--r-- 1 ron users 116847 Oct 31 00:35 pong32690800.spc
-rw-r--r-- 1 ron users 1950 Oct 31 00:35 pong32690800.sym
-rw-r--r-- 1 ron users 13502 Oct 31 00:35 pong32690800.tag
-rw-r--r-- 1 ron users 12825 Oct 31 00:35 pong32690800.tline
-rw-r--r-- 1 ron users 10955 Oct 31 00:35 pong32690800_01.load
-rw-r--r-- 1 ron users 2993 Oct 31 00:35 pong32690800_01.prc
```

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[24293] GNDG00_IOC008_32kFmt_202_Default --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:10:02 Stop Time: 26-Sep-2003 08:11:42

[24408] ECUG00_Ensure_Science_Sample_Table --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:11:44 Stop Time: 26-Sep-2003 08:16:44

[24294] CDHC00_Select_slot1_for_32K_SSR --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:15:42 Stop Time: 26-Sep-2003 08:16:02

[24296] ATCI00_Star_Sensor1_Matrix_Update --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:16:04 Stop Time: 26-Sep-2003 08:16:29

[24471] FSWC00_Disable_DFS_Check --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:16:31 Stop Time: 26-Sep-2003 08:16:33

[24472] GSSC00_gxxx4_Disable_ATC_Feedforward --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:16:35 Stop Time: 26-Sep-2003 08:17:00

[24473] ATCC00_Drag_Free_OFF --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:17:02 Stop Time: 26-Sep-2003 08:17:17

[24470] SUMG00_ATC_Roll_Rate_from_0.2_to_0.4_rpm --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:17:18 Stop Time: 26-Sep-2003 14:06:34

[24474] ATCC00_spinup_start --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 08:17:19 Stop Time: 26-Sep-2003 08:17:29

[24475] ATCC00_spinstop --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 14:06:23 Stop Time: 26-Sep-2003 14:06:33

[24476] SUMG00_ATC_Verify_Rollup_&_Set_gv26 --> [24076] SIM7_009 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 14:06:34 Stop Time: 26-Sep-2003 18:45:01

[24481] TRED05_Science_Slope_Gains --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 09:43:00 Stop Time: 26-Sep-2003 09:43:49

[24482] TRED06_Science_Slope_Gains --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 09:43:51 Stop Time: 26-Sep-2003 09:44:40

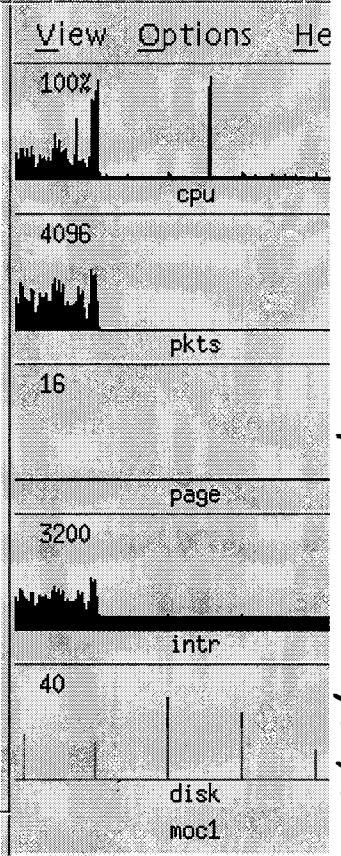
[24483] TRED07_Science_Slope_Gains --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 09:44:42 Stop Time: 26-Sep-2003 09:45:31

[24484] TRED08_Science_Slope_Gains --> [24075] SIM7_008 --> [2] SIM7
Instance(s):
Start Time: 26-Sep-2003 09:45:33 Stop Time: 26-Sep-2003 09:46:22

[24485] TREI00_Science_Slope_db_readout --> [24075] SIM7_008 --> [2] SIM7
Instance(s):

P1073
at
11.1.1 b
page 121



[illegible]

proj ATT 11.1.4

vitool /home/sybase/sybase-12.5.0.3/ASE-12_5/install/science_pc.log

00:00045:2003/10/30 19:53:42.34 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00045:2003/10/30 19:53:42.38 server The configuration option 'number of remote connections' has been c
a' from '100' to '20'.

00:00045:2003/10/30 19:54:14.30 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00045:2003/10/30 19:54:14.33 server The configuration option 'number of open databases' has been chang
rom '30' to '12'.

00:00050:2003/10/30 22:37:42.63 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00050:2003/10/30 22:37:42.69 server The configuration option 'allow updates to system tables' has beer
'sa' from '0' to '1'.

00:00050:2003/10/30 22:39:25.22 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00050:2003/10/30 22:39:25.26 server The configuration option 'allow updates to system tables' has beer
'sa' from '1' to '0'.

00:00051:2003/10/30 22:40:14.18 server WARNING: *****

00:00051:2003/10/30 22:40:14.18 server Attempt by user 1 to dump xact on db master with NO_LOG

00:00051:2003/10/30 22:40:14.19 server Attempt by user 1 to dump xact on db master with NO_LOG was succes

00:00051:2003/10/30 22:40:14.19 server WARNING: *****

00:00051:2003/10/30 22:40:14.32 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00051:2003/10/30 22:40:14.35 server The configuration option 'allow updates to system tables' has beer
'sa' from '0' to '1'.

00:00051:2003/10/30 22:40:15.84 server Configuration file '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...
been written and the previous version has been renamed to '/home/sybase/sybase-12.5.0.3/ASE-12_5/science_...

00:00051:2003/10/30 22:40:15.90 server The configuration option 'allow updates to system tables' has beer
'sa' from '1' to '0'.

00:00000:2003/10/31 03:06:08.30 kernel nrpacket: rcv, Connection timed out

tions

```

se sybase 1011 Sep 10 18:58 restore_science_pc_3.sql
se sybase 19323 Sep 25 16:00 sp_helpdb.txt*
se sybase 18095 Sep 25 16:01 sp_helpdevice.txt*
se sybase 238 Oct 3 16:31 space_list.sql
se sybase 7421 Sep 25 22:36 standby_primary.csh*
se sybase 2663 Sep 25 20:29 standby_standby.csh*
se sybase 920 Apr 10 2003 sysmon_2K.csh*
se sybase 2543 Apr 11 2003 sysmon_4K.csh*
se sybase 2461 Apr 14 2003 sysmon_4KP.csh*
se sybase 2540 Apr 16 2003 sysmon_4P.csh*
se sybase 712 Apr 10 2003 sysmon_loop.csh*
se sybase 1010 Apr 7 2003 techsupport.csh*
se sybase 1379 Mar 20 2003 test2_4K.csh*
se sybase 1382 Mar 20 2003 test_4K.csh*
se sybase 2759 Mar 23 2003 test_part1.csh*
se sybase 2983 Mar 24 2003 test_part2.csh*
se sybase 6420 Apr 7 2003 tran_log_back.csh*
se sybase 6806 Apr 5 2003 tran_log_separate.csh*
se sybase 37113 Jun 3 21:45 util_TXT.txt*
se sybase 3762 Sep 6 20:22 xx
cat /home/sybase/Carin/scripts/build_science_from_scratch.csh*|grep bcp
y running the following on the source server
rs out /home/sybase/backups/syslogins.20030604.c \
rs in /home/sybase/backups/syslogins.20030604.c \
y running the following on the source server. remove vx-devices as a second step
vices out /home/sybase/backups/sysdevices.20030604.c.full -c -Usa -P -Sscience
ces in /home/sybase/backups/sysdevices.20030604.c -c -Usa -P -Sscience
ls -l /home/sybase/Carin/scripts/*test*
se sybase 5643 Oct 7 19:12 /home/sybase/Carin/scripts/goldentestsuite.csh*
se sybase 1379 Mar 20 2003 /home/sybase/Carin/scripts/test2_4K.csh*
se sybase 1382 Mar 20 2003 /home/sybase/Carin/scripts/test_4K.csh*
se sybase 2759 Mar 23 2003 /home/sybase/Carin/scripts/test_part1.csh*
se sybase 2983 Mar 24 2003 /home/sybase/Carin/scripts/test_part2.csh*
cat /home/sybase/Carin/scripts/goldentestsuite.csh |grep bcp
1 ${data2}/init_bcp -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_init -S${svr} >>../logs/${log}
1 ${data2}/c2700 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2700 -S${svr} >>../logs/${log}
1 ${data2}/c2802 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2802 -S${svr} >>../logs/${log}
1 ${data2}/c2807 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2807 -S${svr} >>../logs/${log}
1 ${data2}/c2808 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2808 -S${svr} >>../logs/${log}
1 ${data2}/c2816 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2816 -S${svr} >>../logs/${log}
1 ${data2}/c2817 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2817 -S${svr} >>../logs/${log}
1 ${data2}/c2818 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2818 -S${svr} >>../logs/${log}
1 ${data2}/c2819 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2819 -S${svr} >>../logs/${log}
1 ${data2}/c2901 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2901 -S${svr} >>../logs/${log}
1 ${data2}/c2941 -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c2941 -S${svr} >>../logs/${log}
1 ${data1}/tmanalog-4400.tmp -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c4400 -S${svr} >>..
1 ${data1}/tmanalog-5003_crud.tmp -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c5003 -S${svr} >>..
1 ${data1}/tmanalog-9998.tmp -n -Usa -P -A8192 -b1000000 -m 9000000 -e ../error/${svr}_c9998 -S${svr} >>..
source /home/sybase/sybase-12.5.0.3/SYBASE.csh
echo $SYBASE
-12.5.0.3
which bcp
-12.5.0.3/OCS-12_5/bin/bcp
echo $PATH
-12.5.0.3/ASE-12_5/bin:/home/sybase/sybase-12.5.0.3/OCS-12_5/bin:/home/sybase/sybase-12.5.0.3/CFG-1_0/bin:
.sun4:/home/sybase/bin:/usr/j2se/bin:/apps/supported/teTeX/bin/sol2.sun4:/apps/licensed/sunpro/SUNWsp/bi
os/supported/login/scripts:/apps/supported/login/bin/sol2.sun4:/apps/supported/login/bin:/apps/licensed/sc
os/supported/scripts:/apps/supported/bin/sol2.sun4:/apps/sysadmin/scripts:/apps/sysadmin/bin/sunos-5.8-spa
r/sysadmin/bin/sol2.sun4:/apps/unsupported/scripts:/apps/unsupported/bin/sol2.sun4:/usr/dt/bin:/usr/openwir
11/bin:/apps/gnu/bin/sunos-5.8-sparc:/apps/gnu/bin:/apps/gnu/bin/sol2.sun4:/local/hosts:/usr/j2ee/bin:

```

P1073 altan 11.2.2a

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

rlogin science: cwd = /apps/licensed/sybase;

```
Nov 5 14:02:49 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 14:31:19 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 15:02:36 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 15:33:48 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 16:02:05 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 16:32:29 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 17:01:36 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 17:33:29 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
Nov 5 18:02:36 sci-crunch root: [ID 702911 cron.crit] /export/home1 is 100% full
```

```
{sybase@science:82} cd ~/Carin/scripts/
{sybase@science:83} vi goldentestsuite.csh
[1] 28984
```

```
{sybase@science:84} pwd
/home/sybase/Carin/scripts
{sybase@science:85} cd $SYBASE
{sybase@science:86} pwd
/apps/licensed/sybase-12.5
```

```
{sybase@science:87} echo $SYBASE
/apps/licensed/sybase
```

```
{sybase@science:88} echo $PATH
```

```
/usr/openwin/bin:/home/sybase/bin:/sol2.sun4:/home/sybase/bin:/usr/j2se/bin:/apps/supported/teTeX/bin:/sol2.sun4:/apps/licensed/sunpro/SUN
pro/bin:/apps/gnu/scripts:/usr/local/bin:/apps/supported/login/scripts:/apps/supported/login/bin:/sol2.sun4:/apps/supported/login/bin:/ap
/licensed/scripts:/apps/licensed/bin:/sol2.sun4:/apps/supported/scripts:/apps/supported/bin:/sol2.sun4:/apps/sysadmin/scripts:/apps/sysadm
/bin:/sunos-5.8-sparc:/apps/sysadmin/bin:/sol2.sun4:/apps/sysadmin/bin:/sol2.sun4:/apps/unsupported/scripts:/apps/unsupported/bin:/sol2.sun
/usr/dt/bin:/usr/openwin/bin:/usr/ccs/bin:/usr/bin:/bin:/usr/X11/bin:/apps/gnu/bin:/sunos-5.8-sparc:/apps/gnu/bin:/apps/gnu/bin:/sol2.sun4
local/hosts:/usr/j2ee/bin:.
```

```
{sybase@science:88} which isql
```

```
/apps/licensed/scripts/isql
```

```
{sybase@science:90} isql -Ucarin -Sscience -w222 -OGPB_L1A
```

Password:

1> vi

2> reset

1> create table TManalog_patch (

TMID smallint not null,

SCT_Cycle smallint not null,

SCT_VTCW int not null,

Value double precision not null)

on seg_analog

go

create unique clustered index Pkey

on TManalog_patch (TMID, SCT_Cycle, SCT_VTCW)

with ignore_dup_key on seg_analog

2> 3> 4> 5> 6> 7> 1> 2> 3> 4> 5> go

1> sp_helpindex TManalog_patch

2> go

index_name	index_description
------------	-------------------

index_name	index_description
------------	-------------------

index_name	index_description
------------	-------------------

index_name	index_description
------------	-------------------

Pkey clustered, unique, ignore duplicate keys located on seg_analog

TMID, SCT_Cycle, SCT_VTCW

0

0

0 Nov 5 2003 6:36PM

(1 row affected)

(return status = 0)

1> select @@server

2> select @@version

3> go

Msg 137, Level 15, State 2:

Server 'science', Line 1:

Must declare variable '@@server'.

1> select @@servername

2> go

P1073 adan 11.2.3.6 1/2

```
{sybase@science:110} echo $SYBASE
/apps/licensed/sybase
{sybase@science:111} echo $PATH
/usr/openwin/bin:/home/sybase/bin/sol2.sun4:/home/sybase/bin:/usr/j2se/bin:/apps
{sybase@science:112} which bcp
/apps/licensed/scripts/bcp
{sybase@science:113} bcp GPB_L1A..TManalog_patch in /apps/supported/lasp-2.0/src
Password:
```

Starting copy...

```
Batch successfully bulk-copied to SQL Server.
1007616 rows sent to SQL Server.
2007040 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
3006464 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
4005888 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
5005312 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
6004736 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
7004160 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
8003584 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
9003008 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
10002432 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
11001856 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
12001280 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
13000704 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
14000128 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
15007744 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
16007168 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
17006592 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
18006016 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
19005440 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
20004864 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
21004288 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
22003712 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
23003136 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
24002560 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
25001984 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
```

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

11.2.36

2/2

26001408 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
27000832 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
28000256 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
29007872 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
30007296 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
31006720 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
32006144 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
33005568 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
34004992 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
35004416 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
36003840 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.
37003264 rows sent to SQL Server.
Batch successfully bulk-copied to SQL Server.

37884382 rows copied.

Clock Time (ms.): total = 3224000 Avg = 0 (11750.74 rows per sec.)
{sybase@science:

P01073 attach 11.2.9.a

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

```
81 18:20 ls -l tm*cut*
82 18:32 cd ~/Carin/scripts/
83 18:32 vi goldentestsuite.csh
84 18:32 pwd
85 18:33 cd $SYBASE
86 18:33 pwd
87 18:33 echo $SYBASE
88 18:33 echo $PATH
89 18:33 which isql
90 18:33 isql -Ucarin -Sscience -w222 -DGPB_L1A
91 18:40 vi golde
92 18:40 pwd
93 18:40 vi ~/Carin/scripts/goldentestsuite.csh
94 18:41 vi ~/Carin/scripts/goldentestsuite.csh
95 18:41 bcp ${db}..${tbl} in ${data2}/init_bcp -n -Usa -P -A8192 -b1000000 -m 9000000 -e
96 18:41 echo $SYBASE
97 18:42 echo $PATH
98 18:44 echo $SYBASE
99 18:44 echo $PATH
100 18:44 which bcp
101 18:44 bcp GPB_L1A..TManalog_patch in /apps/supported/lasp-2.0/src/data/tmanalog.tmp.2435 -n -Usa -
science
102 18:45 echo $SYBASE
103 18:45 echo $SYBASE
104 18:45 which bcp
105 18:45 echo $SYBASE
106 18:45 echo $SYBASE
107 18:45 echo $PATH
108 18:45 which bcp
109 18:46 bcp GPB_L1A..TManalog_patch in /apps/supported/lasp-2.0/src/data/tmanalog.tmp.2435 -n -Ucarin
science
110 18:46 echo $SYBASE
111 18:46 echo $PATH
112 18:46 which bcp
113 18:46 bcp GPB_L1A..TManalog_patch in /apps/supported/lasp-2.0/src/data/tmanalog.tmp.2435 -n -Ucarin
science
114 19:57 bcp GPB_L1A..TManalog_patch out /carin/tmanalog.bcpn.prod.2435 -n -Ucarin -A8192 -b1000000 -
115 20:05 ls -l tma*
116 20:05 pwd
117 20:05 cd /carin
118 20:05 ls -l
119 20:06 mv tmanalog.bcpn.prod.2435 TManalog.bcpn.prod.2435
120 20:06 ls -l TM*
121 20:06 ls -l TManalog.bcpn.p*
122 20:06 diff TManalog.bcpn.prod.2435 TManalog.bcpn.pc.2435
123 20:08 h
base@science:124} diff TManalog.bcpn.prod.2435 TManalog.bcpn.pc.2435
base@science:125} ls -l TManalog.bcpn.p*
-r----- 1 sybase sybase 606150112 Nov 1 02:04 TManalog.bcpn.pc.2435
-r----- 1 sybase sybase 606150112 Nov 5 20:04 TManalog.bcpn.prod.2435
base@science:126} cmp TManalog.bcpn.prod.2435 TManalog.bcpn.pc.2435
```

```
io $SYBASE
io $PATH
ch bcp
base@science:127}
base@science:127}
base@science:127} echo $SYBASE
ps/licensed/sybase
base@science:128} echo $PATH
r/openwin/bin:/home/sybase/bin/sol2.sun4:/home/sybase/bin:/usr/j2se/bin:/apps/supported/teTeX/bin/sol2.su
/bin:/apps/gnu/scripts:/usr/local/bin:/apps/supported/login/scripts:/apps/supported/login/bin/sol2.sun4:/
ensed/scripts:/apps/licensed/bin/sol2.sun4:/apps/supported/scripts:/apps/supported/bin/sol2.sun4:/apps/s
n/sunos-5.8-sparc:/apps/sysadmin/bin/sol2.sun4:/apps/sysadmin/bin/sol2.sun4:/apps/unsupported/scripts:/a
r/dt/bin:/usr/openwin/bin:/usr/ccs/bin:/usr/bin:/bin:/usr/X11/bin:/apps/gnu/bin/sunos-5.8-sparc:/apps/gnu
al/hosts:/usr/j2ee/bin:.
base@science:129} which bcp
ps/licensed/scripts/bcp
base@science:130} ▲
```

bcp to prod db

You ha
11.3

Window Edit Options

```
0
0 104 rcv sleep cmdops      cmdops
  moc1      0      gpb_3_4_2  Awaiting COMMA
0
(return status = 0)
fid      spid      status      loginame      origname
      hostname      blk_spid      dbname
ock_xload
```

```
0 104 rcv sleep cmdops      cmdops
  moc1      0      gpb_3_4_2  Awaiting COMMA
0
(return status = 0)
fid      spid      status      loginame      origname
      hostname      blk_spid      dbname
ock_xload
```

segmer
segmer
segmer
segmer
segmer
segmer
2 load
ping
ping
/home/
/home/

```
ping007.txt      ping32681500.load      ping32681500.spc      ping32681500.t
ping32681500.dat      ping32681500.obj      ping32681500.sym      ping32681500_0
ping32681500.lis      ping32681500.rtf      ping32681500.tag      ping32681500_0
```

```
/home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007ping_P1073_12.5.0.1
/ron@moc1:15$ foreach File ( ping3* )
```

```
foreach? echo      "***** $File"
foreach? diff $File ../007ping_P1073_12.5.0.3
foreach? end
```

```
***** ping32681500.dat
***** ping32681500.lis
```

```
14c14
< Date:      Fri Nov 7 00:16:56 2003
```

```
> Date:      Fri Nov 7 00:23:35 2003
```

```
***** ping32681500.load
***** ping32681500.obj
***** ping32681500.rtf
```

```
30c30
< {\header \pard\plain\s2\f1 ping32681500.spc\tab Fri Nov 7 00:16:56 2003}
```

```
> {\header \pard\plain\s2\f1 ping32681500.spc\tab Fri Nov 7 00:23:35 2003}
37c37
```

```
< \b Date:\b0\tab Fri Nov 7 00:16:56 2003\par
```

```
> \b Date:\b0\tab Fri Nov 7 00:23:35 2003\par
```

```
***** ping32681500.spc
```

```
10c10
< ##"Fri Nov 7 00:16:56 2003";
```

```
> ##"Fri Nov 7 00:23:35 2003";
```

```
***** ping32681500.sym
***** ping32681500.tag
***** ping32681500.tline
```

```
8c8
<      Date: 311:2003-00:14:35
```

```
>      Date: 311:2003-00:21:32
```

```
19c19
<      Execution Time: 0:02:24
```

```
>      Execution Time: 0:02:06
```

```
***** ping32681500_01.load
***** ping32681500_01.prc
***** ping32681500_02.load
***** ping32681500_02.prc
```

```
/ron@moc1:16$
```

Load:

12:11am up 25 day(s), 10 min(s), 3 users, load average: 0.32, 0.18, 0.16

```
/ron@moc1:1$ source /home/sybase/sybase-
/home/sybase/ not found
```

```
/ron@moc1:1$ source /home/sybase/sybase-
```

```
/ron@moc1:1$ setenv DSQUERY science_pc
```

```
/ron@moc1:2$ echo $SYBASE
```

```
/apps/licensed/sybase
```

```
/ron@moc1:3$ cd /home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007pin
g_P1073_12.5.0.1
```

```
/ron@moc1:4$ cd ..
```

```
/ron@moc1:5$ cd /home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007pin
g_P1073_12.5.0.3
```

```
/ron@moc1:6$ ls
```

```
ping007.txt
```

```
/ron@moc1:7$ cg -B1 -Pops2cmd -Vgpb_3_4_2 -Fping007.txt
```

```
Site = moc
```

```
Machine = moc1
```

```
InitializeCommandGen: sybase user = cmdops
```

```
Loading miscellaneous processing parameters for
```

```
Miscellaneous processing parameters(gpb_3_4_2 version) loaded.....
```

```
ping SPC buffer selected.
```

```
ping007.txt timeline file selected.
```

```
ping007.txt opened for input to pool
```

```
End-of-File reached on MTL file read
```

```
195 tasks read from ping007.txt
```

```
Pool loaded with 262 total activities.
```

```
Pool loaded with 262 activities.
```

```
Preliminary constraint violations detected in Pool
```

```
OPS_CMDGEN_DIR resolved to /projects/spc/2_5_unofficial_20031103/
```

```
Creating RTF File...
```

```
Compiling ping32681500.spc...
```

```
Pass 1: defining symbols...
```

```
Pass 2: loading tag array...
```

```
Pass 3: loading data array...
```

```
Dumping symbol table to ping32681500.sym...
```

```
Compilation successful
```

```
Tag array: 1 --> 1297
```

```
Data array: 1 --> 7685
```

```
82 packets generated, 18560 bytes total
```

```
Successful compile
```

```
segment_timeline_load: Created ping32681500_01.load
```

```
segment_timeline_load: Created ping32681500_02.load
```

```
segment_timeline_load: Created ping32681500_01.prc
```

```
segment_timeline_load: Created ping32681500_02.prc
```

```
segment_timeline_load: Installed ping32681500_01.load
```

```
segment_timeline_load: Installed ping32681500_02.load
```

```
segment_timeline_load: Installed ping32681500_01.prc
```

```
segment_timeline_load: Installed ping32681500_02.prc
```

```
2 load segments created:
```

```
ping32681500_01 (79 packets, 17498 bytes)
```

```
ping32681500_02 (8 packets, 1099 bytes)
```

```
/ron@moc1:8$ ls
```

```
ping007.txt
```

```
ping32681500.dat
```

```
ping32681500.lis
```

```
ping32681500.load
```

```
ping32681500.obj
```

```
/ron@moc1:9$ pwd
```

```
/home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007ping_P1073_12.5.0.3
```

```
/ron@moc1:10$
```

```
ping32681500.rtf
```

```
ping32681500.spc
```

```
ping32681500.sym
```

```
ping32681500.tag
```

```
ping32681500.tline
```

```
ping32681500_01.load
```

```
ping32681500_01.prc
```

```
ping32681500_02.load
```

```
ping32681500_02.prc
```

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

P1073 11.3

```

moc1:/home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007ping_P1073_12.5.0.1
Window Edit Options Help
Machine = moc1
^Z
Suspended
[ron@moc1:17] bg
[2] MP 8
[ron@moc1:18] ls
ping007.txt          ping32681500.load    ping32681500.spc    ping32681500.tline  ping32681500_02.load
ping32681500.dat     ping32681500.obj    ping32681500.sym    ping32681500_01.load ping32681500_02.prc
ping32681500.lis     ping32681500.rtf    ping32681500.tag    ping32681500_01.prc
[ron@moc1:19] pwd
/home/ron/stk43/mp_test/moc1_regression_PREpatch/timeline/007ping_P1073_12.5.0.1
[ron@moc1:20] ls
EcuPidReport_310_00_57_33 ping32681500.load    ping32681500.sym    ping32681500_01.prc
ping007.txt              ping32681500.obj    ping32681500.tag    ping32681500_02.load
ping32681500.dat         ping32681500.rtf    ping32681500.tline  ping32681500_02.prc
ping32681500.lis         ping32681500.spc    ping32681500_01.load
[ron@moc1:21] diff EcuPidReport_310_00_57_33 ../007ping_P1073_12.5.0.3
diff: ../007ping_P1073_12.5.0.3/EcuPidReport_310_00_57_33: No such file or directory
[ron@moc1:22] diff EcuPidReport_310_00_57_33 ../007ping_P1073_12.5.0.3/
EcuPidReport_310_00_56_53 ping32681500.load    ping32681500.sym    ping32681500_01.prc
ping007.txt              ping32681500.obj    ping32681500.tag    ping32681500_02.load
ping32681500.dat         ping32681500.rtf    ping32681500.tline  ping32681500_02.prc
ping32681500.lis         ping32681500.spc    ping32681500_01.load
[ron@moc1:23] diff EcuPidReport_310_00_57_33 ../007ping_P1073_12.5.0.3/EcuPidReport_310_00_56_53
113c113
< * Timestamp : Oct 29, 2003 17:21
---
> * Timestamp : Nov 07, 2003 00:57
[ron@moc1:23]
```

P1073

11.4

← diff

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

```
sci6:/home/ron
```

Window Edit Options

Help

```

the line containing 'action -fpo' in .login_commands
and/or delete these lines.
You have new mail from:
From <IMAP4.psuedo.sims> Sun Aug 31 22:22:21 2003
From ron@science.private.net Thu Feb 27 19:22:20 2003
From rakowa@science.private.net Fri May 16 18:17:37 2003
From lp@science.private.net Wed Jun 25 18:33:03 2003
From MAILER-DAEMON@science.private.net Thu Aug 7 22:00:38 2003
From ron@science.private.net Thu Aug 7 22:00:38 2003
From ron@science.private.net Sat Aug 9 01:08:35 2003
From ron@science.private.net Sat Aug 9 01:21:15 2003

```

Load:

```
5:26pm up 23 day(s), 12:34, 2 users, load average: 1.79, 1.46, 1.43
```

```
{ron@sci6:1} source /home/sybase/sybase-12.5.0.3/SYBASE.csh
{ron@sci6:2} echo $SYBASE
/home/sybase/sybase-12.5.0.3
{ron@sci6:3} echo $DSQUERY
science_pc
{ron@sci6:4} which isql
/home/sybase/sybase-12.5.0.3/OCS-12_5/bin/isql
{ron@sci6:5} echo $PATH
/home/sybase/sybase-12.5.0.3/ASE-12_5/bin:/home/sybase/sybase-12.5.0.3/OCS-12_5/bin:/home/sybase/sybase-12.5.0.3/CFG-1_0/bin:/usr/openwin/bin:/home/ron/bin/sol2.sun4:/home/ron/bin:/usr/j2se/bin:/apps/supported/tex/bin/sol2.sun4:/apps/licensed/sunpro/SUNWsp/bin:/apps/gnu/scripts:/usr/local/bin:/apps/supported/login/scripts:/apps/supported/login/bin/sol2.sun4:/apps/supported/login/bin:/apps/licensed/scripts:/apps/licensed/bin/sol2.sun4:/apps/supported/scripts:/apps/supported/bin/sol2.sun4:/apps/sysadmin/scripts:/apps/sysadmin/bin/sunos-5.8-sparc:/apps/sysadmin/bin/sol2.sun4:/apps/sysadmin/bin/sol2.sun4:/apps/unsupported/scripts:/apps/unsupported/bin/sol2.sun4:/usr/dt/bin:/usr/openwin/bin:/usr/ccs/bin:/usr/bin:/bin:/usr/X11/bin:/apps/gnu/bin/sunos-5.8-sparc:/apps/gnu/bin:/apps/gnu/bin/sol2.sun4:/local/hosts:/usr/j2ee/bin:.
{ron@sci6:6}
```

```
(return status = 0)
fid      spid   status    logname     origname    hostname    blk_spid
         dbname    cmd          block_xloid
-----
(return status = 0)
fid      spid   status    logname     origname    hostname    blk_spid
         dbname    cmd          block_xloid
-----
(return status = 0)
fid      spid   status    logname     origname    hostname    blk_spid
         dbname    cmd          block_xloid
-----
(return status = 0)
fid      spid   status    logname     origname    hostname    blk_spid
         dbname    cmd          block_xloid
-----
(return status = 0)
fid      spid   status    logname     origname    hostname    blk_spid
         dbname    cmd          block_xloid
-----
(return status = 0)
```

P1073 AT 11.5.3a

GPB_DATA

master tcp ether sci-crunch 4100
query tcp ether sci-crunch 4100

GPB

master tcp ether sci-crunch 4100
query tcp ether sci-crunch 4100

SYBASE

master tcp ether science 4100
query tcp ether science 4100

moc-server

master tcp ether science 4100
query tcp ether science 4100

moc-server_back

master tcp ether science 4200
query tcp ether science 4200

science_16K

master tcp ether science-sb 4301
query tcp ether science-sb 4301

science_16K_back

master tcp ether science-sb 4302
query tcp ether science-sb 4302

GPB_MOC

master tli tcp /dev/tcp \x00021004c0a801070000000000000000
query tli tcp /dev/tcp \x00021004c0a801070000000000000000

tqsm_server

master tli tcp /dev/tcp \x000213ecc0a801130000000000000000
query tli tcp /dev/tcp \x000213ecc0a801130000000000000000

tqsm_server_back

master tli tcp /dev/tcp \x00021450c0a801130000000000000000
query tli tcp /dev/tcp \x00021450c0a801130000000000000000

science

master tcp ether science 4100
query tcp ether science 4100

science_back

master tcp ether science 4200
query tcp ether science 4200

science_pc

master tcp ether sci-crunch 4100
query tcp ether sci-crunch 4100

science_pc_back

master tcp ether sci-crunch 4200
query tcp ether sci-crunch 4200

science_pc_mon

master tcp ether sci-crunch 4300

P1073 AS-RUN

ATTACHMENT 1 to S0960 Rev. -

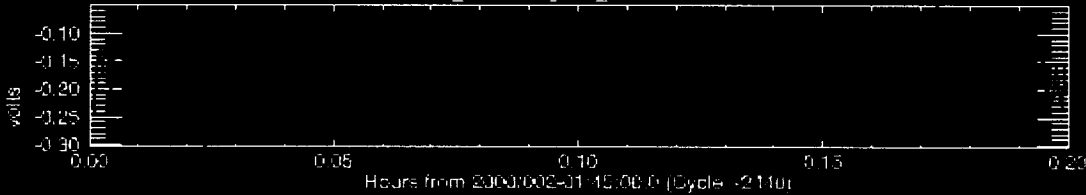
TCAD Server

P1073 AS-RUN

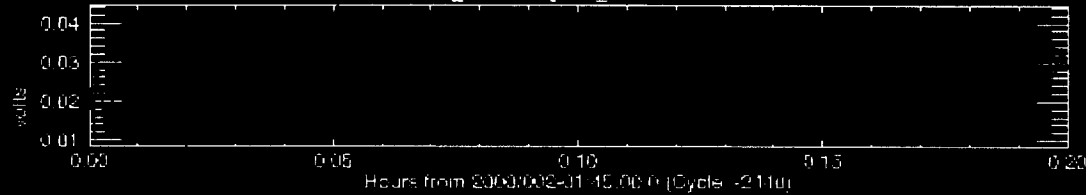
ATTACHMENT 1 to S0960 Rev. -

TCAD PLOT

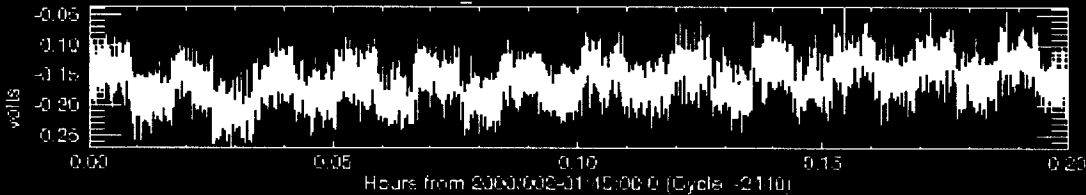
SRE - SQ_20HzSignal_1



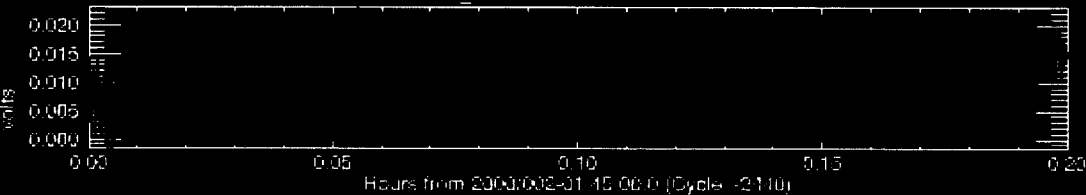
SRE - SQ_20HzSignal_3



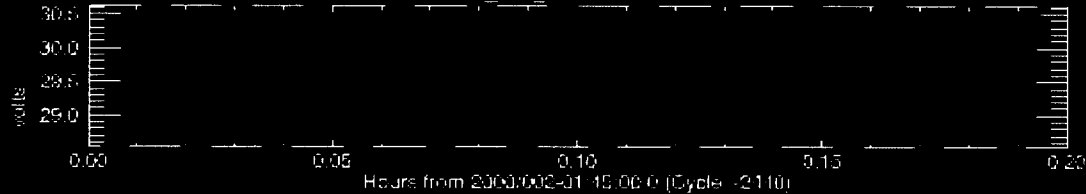
SRE - SQ_SciLPasFilt1



SRE - SQ_SciLPasFilt3



EPS - VW_SC_Bus



Mnemonic

Time

Value

SRE - SQ_SciLPasFilt1

2000/002-01:47:36.9

-0.14022049

Display to Screen

Print...

Oct 31

One

Three

Four

EXIT

dbname	cmd	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid
eeep	gpb	gpb
WAITING COMMAND		0
logname	origname	block_xloid

0 73 recv sleep gpb gpb 0
 GPB_LO AWAITING COMMAND
 (return status = 0)
 fid spid status logname origname
 dbname cmd block_xloid

0 73 recv sleep gpb gpb 0
 GPB_LO AWAITING COMMAND
 (return status = 0)

1250.3

40 Start

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

onic (case i

SC_Bus - P
SciLPasFilt
SciLPasFilt
20HzSignal
20HzSignal

move Selected Item Only

Remove All

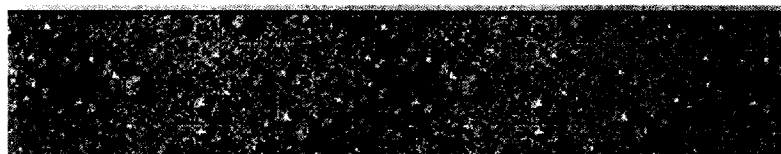
FORMATS

1 K/2K

Display to Screen

32K

Pri



Oct
31

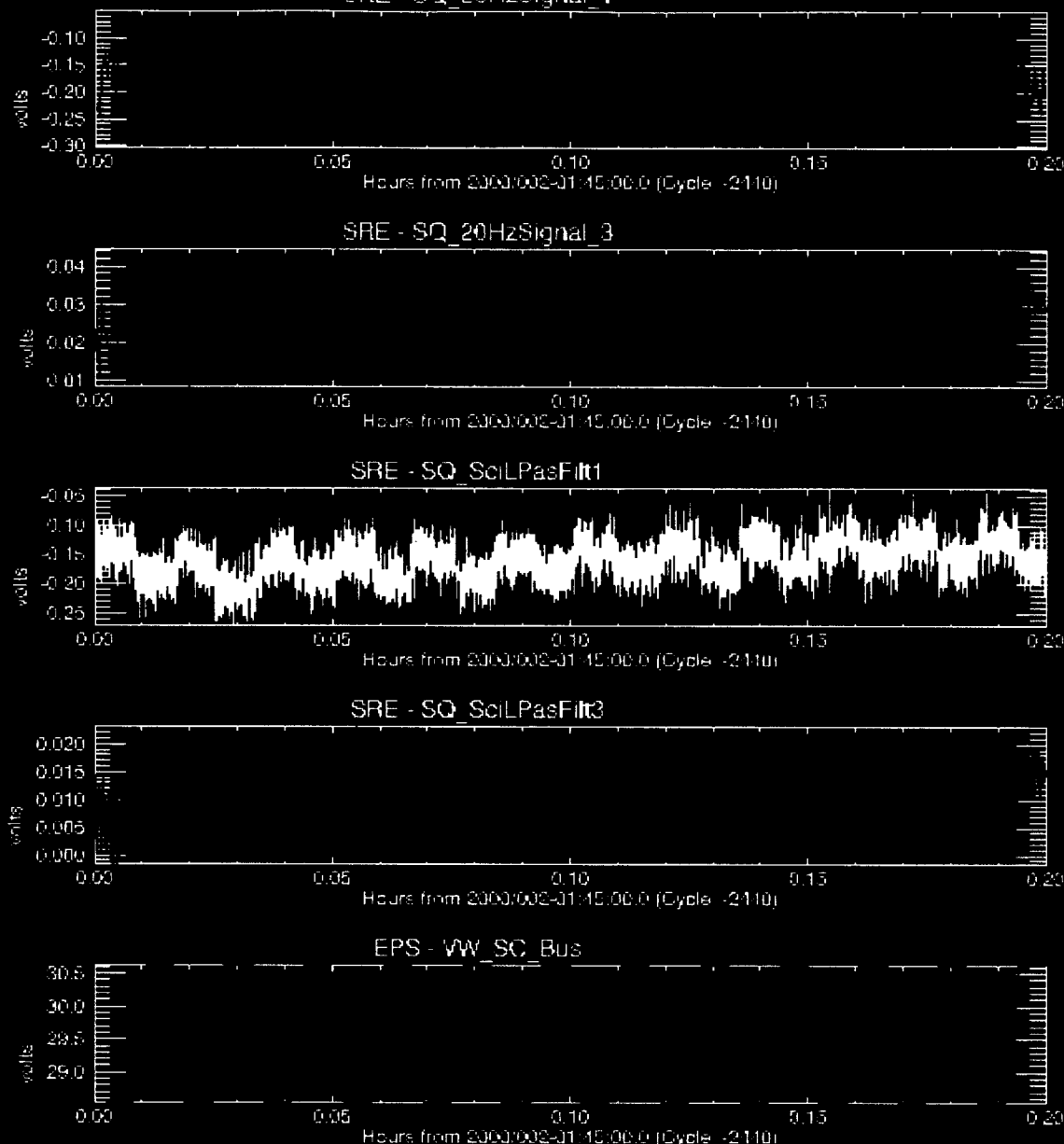
One

Two

Three

Four

EXIT



Mnemonic	Time	Value
SRE - SQ_SciLPasFilt3	2000/002-01:50:05.0	0.0068880082

AWAITING COMMAND				0	
(return status = 0)					
fid	spid	status	loginame	origname	
cmd		block_xloid			
0	42	recv sleep	gpb	gpb	
AWAITING COMMAND					
0	54	recv sleep	gpb	gpb	
AWAITING COMMAND					
0	94	recv sleep	gpb	gpb	
AWAITING COMMAND					
0	117	recv sleep	gpb	gpb	
AWAITING COMMAND					

P1073 ATT 11.5.3e

```
sci6:/home/ron
Window Edit Options Help

drwxr-xr-x 2 ron users 512 May 29 21:55 xfer/
-rwxrwxrwx 1 ron users 98512 Jul 1 10:58 TQSM_Updates.zip*
drwxr-xr-x 2 ron users 512 Jul 4 02:20 test/
drwxr-sr-x 3 ron users 512 Jul 15 20:35 d/
-rw-r--r-- 1 ron users 59639 Jul 16 18:36 lasp181logjul16.txt
-rw-r--r-- 1 ron users 52340 Aug 6 05:35 mozilla.ps
drwxr-sr-x 3 ron users 512 Aug 8 23:00 SunWS_config/
drwx----- 2 ron users 512 Aug 31 22:23 DeadLetters/
drwx----- 2 ron users 512 Sep 10 17:15 mail/
drwxr-sr-x 4 ron users 512 Sep 10 23:31 bin/
drwxr-sr-x 22 ron users 512 Sep 10 23:33 projects/
drwxr-x--- 7 ron users 1024 Sep 19 02:11 tmp/
drwxr-sr-x 3 ron users 512 Sep 24 05:10 ststatic/
-rw-r--r-- 1 ron users 449 Sep 30 18:50 diskusage_20030930.txt
drwxrwxrwx 8 ron users 1024 Oct 14 18:08 documents/
-rwxrwxrwx 1 ron users 3089 Oct 21 10:24 HEPL_215.PR6*
-rw-r----- 1 ron users 180 Oct 23 23:43 fmfilesvisited
-rw-r--r-- 1 ron users 549 Oct 31 01:49 Sim5SRE.tcad
-rw-r--r-- 1 ron users 792114 Oct 31 01:53 Sim5SRE.12_5_0_3
-rw-r--r-- 1 ron users 792114 Oct 31 17:48 P1073_TCAD_12.5.0.3.data
-rwxrwxrwx 1 ron users 792114 Oct 31 17:59 table.tmp*
-rw-r--r-- 1 ron users 792114 Oct 31 18:00 P1073_TCAD_12.5.0.1.data
[ron@sci6:6] diff P1073_TCAD_12.5.0.3.data P1073_TCAD_12.5.0.1.data
[ron@sci6:7] head P1073_TCAD_12.5.0.3.data
Cycle -2440 VW_SC_Bus SQ_SciLPasFilt3 SQ_SciLPasFilt1 SQ_20HzSignal_3 SQ_2
0HzSignal_1

2000/002-01:45:00.0 0.01009392 0.01770021
2000/002-01:45:00.1 -0.12916102
2000/002-01:45:00.2 0.01024594
2000/002-01:45:00.3 -0.17795977
2000/002-01:45:00.4 0.01405521
2000/002-01:45:00.5 -0.17062250
2000/002-01:45:00.6 0.00492851
2000/002-01:45:00.7 -0.16010274

[ron@sci6:8] █
```

diff
passes

P1073 aff. 11.6a

1067887487 2003:307:19:24:47 2003:309:18:07:02 2003:309:19:00:00 MP GPS TO
1068249823 2003:312:00:03:43 2003:309:18:07:02 2003:309:19:00:00 ANA GPS T
59 total entries

INTERACTIVE: ID number (from above list) ?

^C

{75} pwd

/home/science/od_ops/analysis/Regression_Testing/Sybase_Regression_11_07_2003

{76} ODBIOU_vectors -mcmdops -pops2cmd -S

Enter the desired output filename

sybase_regression_12_5_0_1.e

Enter the desired start time

11/05/03 18:07:00

Enter the desired end time

11/06/03 00:00:00

Available data entered in ODDb at the following GMT times

0	09/19/03 20:01:12	GPS data	---	GPS TOD 2003:265:21:00:00 20
1	11/03/03 19:24:47	GPS data	MP GPS TOD 2003:309:18:07:02 B-S	
2	11/08/03 00:03:43	GPS data	ANA GPS TOD 2003:309:18:07:02 Sy	

Enter the number of the desired set

2

{77} ls -ltr

total 426

-rw-rw-r--	1	twalsh	od	1159	Nov	3	19:14	termvu.txt
-rw-rw-r--	1	twalsh	od	1485	Nov	3	19:14	setup_2003:307:19:11:51.gp
-rw-rw-r--	1	twalsh	od	1279	Nov	3	19:14	punch.txt
-rw-rw-r--	1	twalsh	od	18207	Nov	3	19:14	outexc_odw.txt
-rw-rw-r--	1	twalsh	od	27612	Nov	3	19:14	outctl_odw.txt
-rw-rw-r--	1	twalsh	od	5326	Nov	3	19:14	kep_tod.txt
-rw-rw-r--	1	twalsh	od	107	Nov	3	19:14	filist.exc
-rw-rw-r--	1	twalsh	od	121	Nov	3	19:14	filist.ct1
-rw-rw-r--	1	twalsh	od	5360	Nov	3	19:14	car_tod.txt
-rw-rw-r--	1	twalsh	od	5361	Nov	3	19:14	car_ecf.txt
-rw-rw-r--	1	twalsh	od	66048	Nov	3	19:14	orbfil_tod_odw.dat
-rw-rw-r--	1	twalsh	od	66048	Nov	3	19:14	orbfil_j2000_odw.dat
-rw-rw-r--	1	twalsh	od	417	Nov	3	19:24	b_side_sim_nov05_oe.out
-rw-rw-r--	1	twalsh	od	757	Nov	3	19:27	inst_orbit_report.doc
-rw-rw-r--	1	twalsh	od	702	Nov	3	19:27	orbit_report_mean.doc
-rw-rw-r--	1	twalsh	od	302	Nov	3	19:31	b_side_sim_nov05.e
-rw-rw-r--	1	twalsh	od	169	Nov	3	23:16	ODDB_Mean_Vector_QA
-rw-rw-r--	1	twalsh	od	0	Nov	8	00:02	sybase_test_12_5_0_1_cov.o
-rw-rw-r--	1	twalsh	od	0	Nov	8	00:02	sybase_test_12_5_0_1_avg.o
-rw-rw-r--	1	twalsh	od	171	Nov	8	00:03	sybase_test_12_5_0_1_pv.ou
-rw-rw-r--	1	twalsh	od	417	Nov	8	00:03	sybase_test_12_5_0_1_oe.ou
-rw-rw-r--	1	twalsh	od	3735	Nov	8	00:03	sybase_test_12_5_0_1.out
-rw-rw-r--	1	twalsh	od	302	Nov	8	00:06	sybase_regression_12_5_0_1

{78} more sybase_regression_12_5_0_1.e

stk.v.4.1.1

BEGIN Ephemeris

NumberOfEphemerisPoints 1

ScenarioEpoch 5 Nov 2003 18:07:02.0

CoordinateSystem TrueOfDate

EphemerisTimePosVel

0.00 -3.3873247900000000e+06 1.0299920800000000e+06 6.0547386100000004e+06

END Ephemeris

{79} landscape_s sybase_regression_12_5_0_1.e

[1 page * 1 copy] spooled to secondlp

request id is secondlp-46 (1 file)

{80}

P1073 AS-RUN

ATTACHMENT 1 to S0960 Rev. -

sybase_regression_12_5_0_1.e

Sat Nov 8 00:06:46 2003

1

stk.v.4.1.1
BEGIN Ephemeris
NumberOfEphemerisPoints 1
ScenarioEpoch 5 Nov 2003 18:07:02.0
CoordinateSystem TrueOfDate
EphemerisTimePosVel
0.00 -3.387324790000000e+06 1.029992080000000e+06 6.054738610000004e+06 6.230405160000000e+03 -1.892370110000000e+03 3.798327630000001e+03
END Ephemeris

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

P1073 attached 11.6.6

P 1073 11.6. C

sybase_regression_12_5_0_3.e

Sat Nov 8 00:22:21 2003

1

stk.v.4.1.1
BEGIN Ephemeris
NumberOfEphemerisPoints 1
ScenarioEpoch 5 Nov 2003 18:07:02.0
CoordinateSystem TrueOfDate
EphemerisTimePosVel
0.00 -3.387324790000000e+06 1.029992080000000e+06 6.054738610000004e+06 6.230405160000000e+03 -1.892370110000000e+03 3.798327630000001e+03
END Ephemeris

P1073 11.6.11

a.out **Sat Nov 8 00:23:09 2003** **1**

```
stk.v.4.1.1
BEGIN Ephemeris
NumberOfEphemerisPoints 1
ScenarioEpoch 5 Nov 2003 18:07:02.0
CoordinateSystem TrueOfDate
EphemerisTimePosVel
0.00 -3.3873247900000000e+06 1.0299920800000000e+06 6.
END Ephemeris
```

```
stk.v.4.1.1
BEGIN Ephemeris
NumberOfEphemerisPoints 1
ScenarioEpoch 5 Nov 2003 18:07:02.0
CoordinateSystem TrueOfDate
EphemerisTimePosVel
0.00 -3.3873247900000000e+06 1.0299920800000000e+06
END Ephemeris
```

untitled3

ATT 11.7 a

Page 1

November 4, 2003

P1073

11.7

Level 1

12-5.0.3

1/3

10:32:17 PM

Reading personal "startup.m" file... Done.

>> !echo \$DSQUERY

science_pc

>> clear

>> who

>> ls

ans =

12.5.0.1 database'

L1_OLDDATABASE.mat

l1readTest.m

L2connect.m

l2readWriteTest.m

testReadW ✓

rite.m~

>> l1readTest

l2read test started

l2read test passed

l1read test started

l1read test passed

>> clear

>> ls

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

ans =

L1_OLD.mat

L1_OLDDATABASE.mat

l1readTest.m

L2connect.m

l2readWri ✓

teTest.m testReadWrite.m~

>> who

Your variables are:

ans

>> load L1_OLD.mat

>> ls

ans =

L1_OLD.mat

L1_OLDDATABASE.mat

l1readTest.m

L2connect.m

l2readWri ✓

teTest.m testReadWrite.m~

>> who

Your variables are:

ans datallread

>> newData = datallread;

>> clear datallread

>> who

Read from
12.5.0.3

11.7.C. 1/2

untitled3

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```
>> who
>> !echo $DSQUERY
science
>> l2readWriteTest
l2read test started
l2read test passed
l2read test started
Original Data Size:
      21231          2
```

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

```
l2read test passed
l2write test started
    Adding monitor: 'sl_xma' ...
Added 21231 data points to the L2 database ( 21231 points per monitor ).
l2write test passed
l2read test started
l2read second test passed
Data comparison test started
data comparison test passed
    Adding monitor: 'sl_xma' ...
Added 21231 data points to the L2 database ( 21231 points per monitor ).
l2write test passed
Original Data Size:
      21231          2
```

The test succeeded.

```
>> ls
```

ans =

11.7_Level2.txt	L1_OLDDATABASE.mat	l1readtest.txt	L2_OLDDATABASE.mat	l2readWri ✓
teTest.m				
L1_OLD.mat	l1readTest.m	L2_OLD.mat	L2connect.m	testReadW ✓
rite.m~				

```
>> clear
>> load L2_OLD.mat
>> who
```

Your variables are:

data12original

```
>> size(l2
l2OrbitLook      l2printParName  l2readWriteTest  l2write
l2printPRMS      l2read          l2rollfast
>> size(data12original)
```

ans =

untitled3

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21231

2

>>

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11.7.2

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```
>> who
>> l2readWriteTest
l2read test started
l2read test passed
l2read test started
Original Data Size:
      21231          2
```

P1073 AS-RUN
ATTACHMENT 1 to S0960 Rev. -

```
l2read test passed
l2write test started
    Adding monitor: 'sl_xma' ...
Added 21231 data points to the L2 database ( 21231 points per monitor ).
l2write test passed
l2read test started
l2read second test passed
Data comparison test started
data comparison test passed
    Adding monitor: 'sl_xma' ...
Added 21231 data points to the L2 database ( 21231 points per monitor ).
l2write test passed
Original Data Size:
      21231          2
```

The test succeeded.

```
>> ls
```

ans =

11.7_Level2.txt	L1_OLDDATABASE.mat	l1readtest.txt	L2_OLDDATABASE.mat	l2readWri ✓
teTest.m	testReadWrite.m~			
L1_OLD.mat	l1readTest.m	L2_OLD.mat	L2connect.m	Level2.12 ✓
.5.01.txt				

```
>> ls -l
```

ans =

```
total 28382
-rw-r--r--  1 vova  users    3088 Nov  4 23:00 11.7_Level2.txt
-rw-r--r--  1 vova  users 6889512 Nov  4 22:26 L1_OLD.mat
-rw-r--r--  1 vova  users 6889512 Nov  4 22:20 L1_OLDDATABASE.mat
-rw-r--r--  1 vova  users    648 Nov  4 21:45 l1readTest.m
-rw-r--r--  1 vova  users   1765 Nov  4 22:32 l1readtest.txt
-rw-r--r--  1 vova  users 339896 Nov  4 23:40 L2_OLD.mat
-rw-r--r--  1 vova  users 339896 Nov  4 23:33 L2_OLDDATABASE.mat
-rw-----  1 vova  users    248 Nov  4 23:38 L2connect.m
-rw-rw-r--  1 vova  users   2094 Nov  4 23:32 l2readWriteTest.m
-rw-r--r--  1 vova  users   1094 Nov  4 23:37 Level2.12.5.01.txt
-rw-r--r--  1 vova  users   1929 Nov  4 21:57 testReadWrite.m~
```

11.7d 2/2

```
>> clear
>> load L2_OLDDATABASE.mat
>> who
```

Your variables are:

data12original

```
>> dataL2_12_5_01 = data12original;
>> clear data12original;
>> who
```

Your variables are:

dataL2_12_5_01

```
>> load L2_OLD.mat
>> who
```

Your variables are:

dataL2_12_5_01 data12original

```
>> find(dataL2_12_5_01~=data12original)
```

ans =

Empty matrix: 0-by-1

```
>> !echo DSQUERY
```

DSQUERY

```
>>
```

12.5.03