3.13 Ir1 Release Build Test

3.13.1 Build and Install CM Platform (T03-01.01.01)

3.13.1.1 Test Summary

This test verified the ability to establish, manage, and backup all the associated source code, libraries etc. on a workstation (platform) by using set of CM scripts. See test procedure for more detail.

3.13.1.2 Deviations (if applicable)

The updated test procedure as following:

Build and Install CM platform Test Procedures (T03-01.01.01)

Step No.	Step Description / Operator Action	Expected Results	Observations / Comments
1	Enter: <**login id** > on the workstation	'Password' will be displayed.	Part of this test procedure requires **VOB adminstrator authority.** A set of scripts which will need to run either routinely or when it is needed, they are: make_dirs.sh - only need be run once at the installation time. No test on this script. make_vob.sh - run whenever there is a need. mkelem_chown.sh - will be called when run make_vob.sh. add_label.sh . backup_vob.sh, backup_view.sh, backup_stat.sh, checkin_all, checkout_all, list_lable - those scripts will be run whenever there is a need. block_rmbranch.sh, block_rmelem.sh, block_rmver - those are scripts to prevent a user to remove a branch, element or version. This part of test will be performed from a user level. "Clearcase" is used as the CM tool at both development and DAAC environments. In the DAAC environment there will be two sets of VOBs. One set is used for ECS software - both source and executable code. Another set is used for Science software and science algorithms.

2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: **script TC13.1_log** on the workstation at EDF.	All input/output to the workstation will be recorded in the TC13.1_log file.	
4	Enter:**su -vobadm**		
5	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
6	Enter: **/usr/ccase/scripts/make_vob.sh <vob name>**	Creating the VOB and VOB tag registry passwaord is required	
7	Enter: <**password**> for the VOB tag registry	VOB is mounted and several trigger types are created : mkelem_chown, block_rmelem, block_rmbranch, block_rmver.	
8	Enter: **cleartool lsvob**	List of vob displayed	
9	Enter: **logout**	Logout root	
10	Enter: **cleartool setview <view name>**		
11	Enter: **cd /ecs/<vob name just created>**		
12	**Create** a new version of element for element a, b, c Note: In the test, simply type: **ls / > a** **ls / > b** **ls / > c**		
13	Enter: **cleartool checkout -nc .**	Checked out the current directory	
14	Enter: **cleartool mkelem -nc -ci a b c**	Elements a, b, c are added in to the current directory	Verify that the element is added
15	Enter: **cleartool checkin -nc .**	Checkin the current directory	
16	Enter: **cleartool lsco**	List the checked out element	

17	Enter: **cleartool mklbtype -pbranch -nc MY_LABEL**	Created label type MY_LABEL . "-pbranch" allows the label to be added at branch	
18	Enter: **/usr/ccase/scripts/add_label.sh MY_LABEL a c**	Add the label "MY_LABEL" to element a and c's version 1	Verify that the label is added
19	Enter: **cleartool desc -long a b c**	Description of element a, b,c are displayed	
20	Enter: **/usr/ccase/scripts/list_label.sh MY_LABEL**	List all the elements with the label MY_LABEL	Verify that the element with the specified label is listed
21	Enter: **/usr/ccase/scripts/checkout_all.sh .**	Checked out all from the current directory	Verify that all elements are checked out
22	Enter: **cleartool lsco**	List all the checked out elements	
23	**Modify** the elements a, b, c Note: In the test, type: **ls >> ! a** **ls > > ! b** **ls > > ! c**	Elements are modified	
24	Enter: **/usr/ccase/scripts/checkin_all.sh .**	Checked in all the elements which has be checked out	Verify that all elements are checked in
25	Enter: **cleartool mkbrtype -pelement -nc ebf_branch**	Create a branch type	
26	Enter: **cleartool mkbranch -nc ebf_branch a**	Create branch for element a	
27	Enter: **ls >> ! a**	Modify the a	
28	Enter: **cleartool checkin -nc a**		
29	Enter: **su - vobadm**	Logon as vobadm in order to do backup_vob	
30	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
31	Enter: **/usr/ccase/scripts/backup_vob.sh**	Backup the VOB	Verify that the VOB is backed up
32	Enter: **/usr/ccase/scripts/backup_view.sh <view name>**	Backup the View	
33	Enter: **logout vobadm**		

34	Enter: **/usr/ccase/scripts/backup_stat.sh**	Backkup the status file which was generated by backup_vob.sh	
35	Enter: **ls**	List all the elements	
36	Enter: **cleartool rmver -force -xbranch -xlabel -xattr -xhlink -nc <an element's version >** Note: For example, c@@/main/1	A question "Remove versions? " will display	
37		Message displayed " No permission to perform operation 'remove version' Must be one of :object creator, element owner, VOB owner, root"	Verify that block_rmver.sh script is triggered
38	Enter: **cleartool rmelem -force <an element>** Note: For example, c	A question "Destory element? " will display	
39		Message displayed " block_rmelem has refused to let rmelem proceed".	Verify that block_rmelem.sh script is triggered
40	Enter: **cleartool rmbranch <element@@/main/branch name>** Note: For example, a@@/main/ebf_branch	A question "Remove branch, all its sub-branches and sub-versions? " will display	
41	Enter: **Y**	Message displayed " No permission to perform operation 'remove version' Must be one of :object creator, element owner, VOB owner, root"	Verify that block_rmbranch.sh script is triggered
42	Enter: **exit**	exit clearcase	
43	Enter: **exit**	Script stop	
42	Logoff		

3.13.1.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)	
Test Case Name:	**Build and Install CM Platform Test Procedures (T03-01.01.01)**	
Test Case ID:	**TC 13.1**	
Test Location:	EDF DAAC:	
S/W Config./ Version:	HP 9.0.5	
H/W Config./ Host Names:	**mss1hpedf.gsfc.nasa.gov**	
Test Data:		
Test Tools/ Scripts:	Clearcase	
Test Date:12 - 15-95	Test Time: 15:15:56	Tester(s): Ed Finch, Ping-Chieh. Chang (pchang)

Witness(es): Shiheng Cherng (IV&V)			
Comments: During the test, we experienced some problem when we tried to perform some "backup" function and found out that the script			
"make_dirs.sh" need be modified - it need to give the write authority to the directory he created. Test was able to continue			
after Ed made online change.			
NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass	Fail		Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.1

****

Date/Time: Fri Dec 15 16:24:43 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

HP-UX mss1hped A.09.05 A 9000/755 2000374260 two-user license

LIST OF ACTIVE PROCESSES:

****

pchang 14832 14831 4 16:24:43 ttys0 0:00 ps -edf

pchang 14831 14823 0 16:24:43 ttys0 0:00 grep pchang

pchang 9604 6620 0 18:46:37 ? 0:02 view_server /disk1/viewstore/pchang-v1.vws

pchang 14823 12639 5 16:24:37 ttys0 0:00 /bin/sh env3

pchang 12639 12638 0 10:51:06 ttys0 0:00 /bin/csh

vobadm 14092 6620 0 15:17:34 ? 0:00 vob_server /disk1/vobstore/pchang.vbs

---

[m[H[2J7[1;24r8System: mss1hped[38CFri Dec 15 16:24:43 1995

Load averages: 0.12, 0.09, 0.09

75 processes: 73 sleeping, 1 waiting, 1 starting

Cpu states: 10.7% user, 0.0% nice, 13.9% system, 75.4% idle, 0.0% unk5, 0.0%

```
unk6,  0.0% unk7,  0.0% unk8

Memory: 29060K (20984K) real, 39976K (32932K) virtual, 187616K free[5CScreen #

 1/5


TTY   PID USERNAME  PRI   NI  SIZE  RES  STATE   TIME   %WCPU  %CPU  COMMAND

s0   14823 pchang  158   20   232K   96K  sleep   0:00   1.19   0.35 /bin/sh en

?    27839 root    154   20  2364K  988K  sleep 316:21   0.19   0.19 ovtopmd -O

?[5C1109 root    154   20  4988K 1776K  sleep  33:26   0.18   0.18 /opt/dcelo

?    24514 root    154   20   184K  236K  sleep   0:19   0.12   0.12 /usr/etc/a

?    27838 root    154   20  1332K  692K  sleep   0:00   0.12   0.12 ovactiond

?    27841 root    154   20  1636K  788K  sleep   1:32   0.11   0.11 snmpCollec

s0   14834 pchang  178   20   272K    0K  wait    0:00   2.00   0.10 top -d1

?    27834 root    154   20  1548K  904K  sleep 206:23   0.05   0.05 ovwdb -O -

?[5C1198 root    154   20   252K   92K  sleep   0:23   0.05   0.05 /etc/ypbin

?    24141 root    154   20  1816K  976K  sleep   0:09   0.02   0.02 netmon -P

?[7C76 root    127   20    24K   64K  sleep   5:42   0.00   0.00 /etc/synce

?[5C1110 root    154   20  3700K 1644K  sleep  18:42   0.00   0.00 /opt/dcelo

?[6C197 lp[6C154   20   116K  176K  sleep   0:00   0.00   0.00 lpsched

?[5C1105 root    154   20  3224K 1136K  sleep   1:16   0.00   0.00 /opt/dcelo

?[5C1146 root    156   20   148K   56K  sleep   0:00   0.00   0.00 /etc/getty
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

BRAND=hp

COLUMNS=80

DISPLAY=155.157.114.67:0.0

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=mss1hped

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=HP-UX

PATH=/usr/local/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/bin/X11:/usr/OV/bin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews

PRINTER=mss3hpedf

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

BRAND=hp

COLUMNS=80

DISPLAY=155.157.114.67:0.0

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=mss1hped

IFS=

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=HP-UX

PATH=/usr/local/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/bin/X11:/usr/OV/bin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews

PRINTER=mss3hpedf

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=HP-UX

selection=1

testid=TC13.1

Output Data:

Script started on Fri Dec 15 15:15:56 1995

mss1hped{efinch}1: su - root

Password:

su: Sorry

mss1hped{efinch}2: su 0 - root

Password:

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==========

Please do a kdestroy when you are finished useing DCE.....

==========

You have mail.

-su: setenv: not found

Is your terminal or display an HP product [y/n]: yn

Please specify the terminal type.

TERM = (hp) vt100

[3g[24;9HH[24;17HH[24;25HH[24;33HH[24;41HH[24;49HH[24;57HH[24;65HH[24;73HHErase is Backspace

Kill is Ctrl-U

-su: setenv: not found

Value of TERM has been set to "hp".

3 1 1 1 1 1 1 1 1 1R&s0AWARNING: YOU ARE SUPERUSER !!

su - vobadm

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==========

Please do a kdestroy when you are finished useing DCE.....

==========

mss1hped{vobadm}1: /usr/ccase/scripts/make_vob.sh pchang

Creating the VOB

Vob tag registry password:

Created versioned object base.

Host-local path: mss1hped:/disk1/vobstore/pchang.vbs

Global path: /net/mss1hped/disk1/vobstore/pchang.vbs

VOB ownership:

owner vobadm

group users

Mounting the VOB

cleartool: Error: /ecs/pchang is already mounted.

An error occurred while mounting the VOB

mss1hped{vobadm}2: c lsvob

* /ecs/pathfinder /net/mss1hped/disk1/vobstore/pathfinder.vbs public

* /ecs/ebf /net/mss1hped/disk1/vobstore/ebf.vbs public

* /ecs/pchang /net/mss1hped/disk1/vobstore/pchang.vbs public

```
mss1hped{vobadm}3: c umount /net/mss1hped/disk1/vobstore/pchang.vbs

cleartool: Error: /net/mss1hped/disk1/vobstore/pchang.vbs is not currently mounted.

mss1hped{vobadm}4: c umount /ec/ s/pchang

mss1hped{vobadm}5: c rmvob /net/mss1hped/disk1/vobstore/pchang.vbs

Remove versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs"?  [no] y

Removed versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs".

mss1hped{vobadm}6: /usr/ccase/scripts/make_vob.sh pchang

Creating the VOB

Vob tag registry password:

Created versioned object base.

Host-local path: mss1hped:/disk1/vobstore/pchang.vbs

Global path:     /net/mss1hped/disk1/vobstore/pchang.vbs

VOB ownership:

  owner vobadm

  group users

Mounting the VOB

A view for VOBADM already exists.

Creating Label types

Created label type "PRODUCTION".

Creating Trigger types
```

```
Created trigger type "mkelem_chown".

Created trigger type "block_rmelem".

Created trigger type "block_rmbranch".

Created trigger type "block_rmver".

Copying trigger scripts to /usr/ccase/triggers

/usr/ccase/triggers/mkelem_chown.sh already exists; not updated

/usr/ccase/triggers/block_rmelem.sh already exists; not updated

/usr/ccase/triggers/block_rmbranch.sh already exists; not updated

/usr/ccase/triggers/block_rmver.sh already exists; not updated

Done.

mss1hped{vobadm}7: c lsvob

* /ecs/pathfinder      /net/mss1hped/disk1/vobstore/pathfinder.vbs public

* /ecs/ebf            /net/mss1hped/disk1/vobstore/ebf.vbs public

* /ecs/pchang         /net/mss1hped/disk1/vobstore/pchang.vbs public

mss1hped{vobadm}8: logout

# logout root

mss1hped{efinch}3: c   ps

   PID TTY      TIME COMMAND

 14053 ttyp2    0:00 csh

 14106 ttyp2    0:00 ps
```

```
mss1hped{efinch}4: c setview efinch

mss1hped{efinch}1: cd /ecs/pchang

/ecs/pchang

mss1hped{efinch}2: ll

total 0

drwxrwxr-x   2 vobadm   users          0 Dec 15 15:17 lost+found/

mss1hped{efinch}3: c lsvob

* /ecs/pathfinder      /net/mss1hped/disk1/vobstore/pathfinder.vbs public

* /ecs/ebf             /net/mss1hped/disk1/vobstore/ebf.vbs public

* /ecs/pchang          /net/mss1hped/disk1/vobstore/pchang.vbs public

mss1hped{efinch}4: ls > a

mss1hped{efinch}5: ls > b

mss1hped{efinch}6: ls > c

mss1hped{efinch}7: cco    leartool checkout .

Checkout comments for ".":

.

Checked out "." from version "/main/0".

mss1hped{efinch}8: ls /usr/ccase/scripts

add_label.sh       block_rmbranch.sh  checkout_all.sh    mkelem_chown.sh

backup_stat.sh     block_rmelem.sh    list_label.sh      tc13.1_log
```

```
backup_view.sh     block_rmver.sh     make_dirs.sh

backup_vob.sh      checkin_all.sh     make_vob.sh

mss1hped{efinch}9: c melem    kelem -nc a b c

Changed protection on "/ecs/pchang/./a".

Created element "a" (type "text_file").

Checked out "a" from version "/main/0".

Changed protection on "/ecs/pchang/./b".

Created element "b" (type "text_file").

Checked out "b" from version "/main/0".

Changed protection on "/ecs/pchang/./c".

Created element "c" (type "text_file").

Checked out "c" from version "/main/0".

mss1hped{efinch}10: c lsco

15-Dec.15:19   efinch    checkout directory version [m[1m"."[m[m from /main/0 (reserved)

  "Added file element "a".

   Added file element "b".

   Added file element "c"."

15-Dec.15:20   efinch    checkout version [m[1m"a"[m[m from /main/0 (reserved)

15-Dec.15:20   efinch    checkout version [m[1m"b"[m[m from /main/0 (reserved)

15-Dec.15:20   efinch    checkout version [m[1m"c"[m[m from /main/0 (reserved)
```

```
mss1hped{efinch}11: c mklbtype -pbranch -nc MY_LABEL
Created label type "MY_LABEL".
mss1hped{efinch}12: /usr/ccase/scripts/add_label.sh MY_LAN BEL a c
Created label "MY_LABEL" on "a" version "/main/CHECKEDOUT".
Created label "MY_LABEL" on "c" version "/main/CHECKEDOUT".
mss1hped{efinch}13: c desc -long a b c
version [m[1m"a@@/main/CHECKEDOUT"[m[m from /main/0 (reserved)
  checked out 15-Dec-95.15:20:38 by Edward Finch (efinch.users@mss1hped)
  by view: "mss1hped:/disk1/viewstore/efinch.vws"
  element type: text_file
  predecessor version: /main/0
  Labels:
    MY_LABEL
version [m[1m"b@@/main/CHECKEDOUT"[m[m from /main/0 (reserved)
  checked out 15-Dec-95.15:20:40 by Edward Finch (efinch.users@mss1hped)
  by view: "mss1hped:/disk1/viewstore/efinch.vws"
  element type: text_file
  predecessor version: /main/0
version [m[1m"c@@/main/CHECKEDOUT"[m[m from /main/0 (reserved)
  checked out 15-Dec-95.15:20:41 by Edward Finch (efinch.users@mss1hped)
```

```
  by view: "mss1hped:/disk1/viewstore/efinch.vws"

  element type: text_file

  predecessor version: /main/0

  Labels:

    MY_LABEL

mss1hped{efinch}14: /usr/ccase/scripts/list_label.sh MY_LABEL

mss1hped{efinch}15: cat /usr/ccase/scripts/list_label.sh

#! /bin/sh

#

# ECS Software - Property of US Government

#

#-----------------------------------------------------------------------------

# filename:

#   list_label.sh

#

# description:

#   This script will list all elements that have the label

#   attached.

#

# usage:
```

```
#   list_label.sh label
#   list_label.sh -h
#
#   -h : output this help message and exit
#
# author:
#   Ed Finch / Authorization Systems, Inc.
#
#-----------------------------------------------------------------------------

Help()
{
    sed -n '/filename:/,/author:/p' $0 | grep -v "author:" | cut -c3-300 | more
    #this line must be here because it contains the string: "author:"
    exit
}

if [ "$1" = "-h" ] ; then
   Help
fi
```

```
if [ $# != 1 ] ; then
   Help
fi

cleartool find -all -version 'lbtype($1)' -print

mss1hped{efinch}16: ll
total 6
-rw-rw-rw-   1 efinch   users        13 Dec 15 15:18 a
-rw-rw-rw-   1 efinch   users        15 Dec 15 15:19 b
-rw-rw-rw-   1 efinch   users        17 Dec 15 15:19 c
drwxrwxr-x   2 vobadm   users         0 Dec 15 15:17 lost+found/
mss1hped{efinch}17: cd /usr/ccase/scripts
/usr/ccase/scripts
mss1hped{efinch}18: ll
total 104
-rw-r-----   1 root     sys          813 Dec 15 15:24 Makefile
-rw-r-----   1 root     sys         3499 Dec 15 15:24 README.cmscripts
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh*
```

```
-rwxrwxr-x   1 vobadm   users       830 Dec 15 15:24 backup_stat.sh*
-rwxrwxr-x   1 vobadm   users      4046 Dec 15 15:24 backup_view.sh*
-rwxrwxr-x   1 vobadm   users      3359 Dec 15 15:24 backup_vob.sh*
-rwxrwxr-x   1 vobadm   users      1133 Dec 15 15:24 block_rmbranch.sh*
-rwxrwxr-x   1 vobadm   users      1230 Dec 15 15:24 block_rmelem.sh*
-rwxrwxr-x   1 vobadm   users      1118 Dec 15 15:24 block_rmver.sh*
-rwxrwxr-x   1 vobadm   users      1097 Dec 15 15:24 checkin_all.sh*
-rwxrwxr-x   1 vobadm   users      1192 Dec 15 15:24 checkout_all.sh*
-rwxrwxr-x   1 vobadm   users       795 Dec 15 15:24 list_label.sh*
-rwxrwxr-x   1 vobadm   users      1392 Dec 15 15:24 make_dirs.sh*
-rwxrwxr-x   1 vobadm   users      3248 Dec 15 15:24 make_vob.sh*
-rwxrwxr-x   1 vobadm   users       821 Dec 15 15:24 mkelem_chown.sh*
-rw-rw-r--   1 pchang   users     19219 Dec  7 14:30 tc13.1_log
mss1hped{efinch}19: rm M*
Makefile: ? (y/n) y
rm: Makefile not removed.  Permission denied
mss1hped{efinch}20: rm RE*
README.cmscripts: ? (y/n) y
rm: README.cmscripts not removed.  Permission denied
mss1hped{efinch}21: su - root
```

Password:

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==========

Please do a kdestroy when you are finished useing DCE.....

==========

You have mail.

-su: setenv: not found

Is your terminal or display an HP product [y/n]: yn

Please specify the terminal type.

TERM = (hp) vt100

[3g[24;9HH[24;17HH[24;25HH[24;33HH[24;41HH[24;49HH[24;57HH[24;65HH[24;73HHErase is Backspace

Kill is Ctrl-U

-su: setenv: not found

```
Value of TERM has been set to "hp".
3       1       1       1       1       1       1       1       1       1R&s0AWARNING:  YOU ARE SUPERUSER !!

# cd /e usr/ccase/scripts
# rm M*
# rm RE*
# ll
total 94
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh
-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh
-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh
-rwxrwxr-x   1 vobadm   users       3359 Dec 15 15:24 backup_vob.sh
-rwxrwxr-x   1 vobadm   users       1133 Dec 15 15:24 block_rmbranch.sh
-rwxrwxr-x   1 vobadm   users       1230 Dec 15 15:24 block_rmelem.sh
-rwxrwxr-x   1 vobadm   users       1118 Dec 15 15:24 block_rmver.sh
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh
```

```
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh
-rwxrwxr-x   1 vobadm   users        821 Dec 15 15:24 mkelem_chown.sh
-rw-rw-r--   1 pchang   users      19219 Dec  7 14:30 tc13.1_log
# mv      rm tc*
# ll
total 56
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh
-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh
-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh
-rwxrwxr-x   1 vobadm   users       3359 Dec 15 15:24 backup_vob.sh
-rwxrwxr-x   1 vobadm   users       1133 Dec 15 15:24 block_rmbranch.sh
-rwxrwxr-x   1 vobadm   users       1230 Dec 15 15:24 block_rmelem.sh
-rwxrwxr-x   1 vobadm   users       1118 Dec 15 15:24 block_rmver.sh
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh
-rwxrwxr-x   1 vobadm   users        821 Dec 15 15:24 mkelem_chown.sh
# mv block  * ../triggers
```

```
# ll
total 44
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh
-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh
-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh
-rwxrwxr-x   1 vobadm   users       3359 Dec 15 15:24 backup_vob.sh
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh
-rwxrwxr-x   1 vobadm   users        821 Dec 15 15:24 mkelem_chown.sh
# mv mk* ../triggers
# cd  ll;
total 42
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh
-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh
-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh
-rwxrwxr-x   1 vobadm   users       3359 Dec 15 15:24 backup_vob.sh
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh
```

```
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh

-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh

-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh

-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh

# cd ../triggers

# ll

total 14

-rwxrwxr-x   1 vobadm   users       1133 Dec 15 15:24 block_rmbranch.sh

-rwxrwxr-x   1 vobadm   users       1230 Dec 15 15:24 block_rmelem.sh

-rwxrwxr-x   1 vobadm   users       1118 Dec 15 15:24 block_rmver.sh

-rwxrwxr-x   1 vobadm   users        821 Dec 15 15:24 mkelem_chown.sh

# logout root

mss1hped{efinch}22: pwd

/usr/ccase/scripts

mss1hped{efinch}23: list_     /usr/ccase/-sc   /scr    scripts/list_label M  .sh MY_LABEL

cleartool: Error: Not an object in a vob: ".".

cleartool: Warning: Skipping ".".

mss1hped{efinch}24: cat /usr/ccase/sci rit pts/list_label.sh

#! /bin/sh

#
```

```
# ECS Software - Property of US Government
#
#-----------------------------------------------------------------------------
# filename:
#   list_label.sh
#
# description:
#   This script will list all elements that have the label
#   attached.
#
# usage:
#   list_label.sh label
#   list_label.sh -h
#
#   -h : output this help message and exit
#
# author:
#   Ed Finch / Authorization Systems, Inc.
#
#-----------------------------------------------------------------------------
```

```
Help()
{
    sed -n '/filename:/,/author:/p' $0 | grep -v "author:" | cut -c3-300 | more
    #this line must be here because it contains the string: "author:"
    exit
}

if [ "$1" = "-h" ] ; then
   Help
fi

if [ $# != 1 ] ; then
   Help
fi

cleartool find -all -version 'lbtype('$1')' -print

mss1hped{efinch}25: cleartool find -all -version 'lbtype('MY_LABEL')' -print
cleartool: Error: Not an object in a vob: ".".
```

```
cleartool: Warning: Skipping ".".

mss1hped{efinch}26: pwd

/usr/ccase/scripts

mss1hped{efinch}27: cd /    cd /ecs/pchang

/ecs/pchang

mss1hped{efinch}28: cd test

test: No such file or directory

mss1hped{efinch}29: ll

total 6

-rw-rw-rw-   1 efinch   users        13 Dec 15 15:18 a

-rw-rw-rw-   1 efinch   users        15 Dec 15 15:19 b

-rw-rw-rw-   1 efinch   users        17 Dec 15 15:19 c

drwxrwxr-x   2 vobadm   users         0 Dec 15 15:17 lost+found/

mss1hped{efinch}30: /usr/ccase/scripts/list_label.sh MY_LABEL

/ecs/pchang/a@@/main/CHECKEDOUT

/ecs/pchang/c@@/main/CHECKEDOUT

mss1hped{efinch}31: /usr/ccase/scripts/checkouta _all.sh .

cleartool: Error: Element "./a" is already checked out to view "efinch".

cleartool: Error: Element "./b" is already checked out to view "efinch".

cleartool: Error: Element "./c" is already checked out to view "efinch".
```

```
mss1hped{efinch}32: c lsco

15-Dec.15:19   efinch    checkout directory version [m[1m"."[m[m from /main/0 (reserved)

  "Added file element "a".

   Added file element "b".

   Added file element "c"."

15-Dec.15:20   efinch    checkout version [m[1m"a"[m[m from /main/0 (reserved) (MY_LABEL)

15-Dec.15:20   efinch    checkout version [m[1m"b"[m[m from /main/0 (reserved)

15-Dec.15:20   efinch    checkout version [m[1m"c"[m[m from /main/0 (reserved) (MY_LABEL)

mss1hped{efinch}33: ls >> a

mss1hped{efinch}34: ls >> b

mss1hped{efinch}35: ls >> b c

mss1hped{efinch}36: /usr/ccase/scripts/checkin* _all.sh .

Checked in "." version "/main/1".

Checked in "a" version "/main/1".

Checked in "b" version "/main/1".

Checked in "c" version "/main/1".

mss1hped{efinch}37: c mkbrtype -pelement -nc ebf_branch

Created branch type "ebf_branch".

mss1hped{efinch}38: c mkbranch -nc ebfz_  _branch a

Created branch "ebf_branch" from "a" version "/main/1".
```

```
cleartool: Warning: Version checked out ("/main/ebf_branch/0") is different from version selected by view before checkout ("/main/1").

Checked out "a" from version "/main/ebf_branch/0".

mss1hped{efinch}39: /usr/ccase/backup. _vob.sh

/usr/ccase/backup_vob.sh: Command not found.

mss1hped{efinch}40: /usr/ccase/scripts/backup_vob.sh

/usr/ccase/scripts/backup_vob.sh: /usr/vob-logs/backup-status.log: cannot create

mss1hped{efinch}41: cd /usr/ccase/scripts

/usr/ccase/scripts

mss1hped{efinch}42: cat   grep usr backup_vob*

LOGFILE="/usr/vob-logs/backup-status.log"

CCase="/usr/atria/bin/cleartool"

MAINTARFILE="/usr/vob-backup/vobs.tar"

TARFILE="/usr/vob-backup/views"

   TARFILE="/usr/vob-backup/`basename $VLOC`"

mss1hped{efinch}43: cd /usr/ccase            cd ..

/usr/ccase

mss1hped{efinch}44: ll

total 54

-rw-rw-rw-   1 efinch   users      21904 Dec 15 15:33 TC13.1_log

drwxrwxr-x   2 vobadm   sys         1024 Dec 15 15:26 scripts/
```

```
drwxr-xr-x   2 vobadm   sys         1024 Dec 15 15:26 triggers/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 view-backup/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 vob-backup/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 vob-logs/
mss1hped{efinch}45: vi co  vob   cd     cd scripts
/usr/ccase/scripts
mss1hped{efinch}46: vi vob_backup*
No match.
mss1hped{efinch}47: ls
add_label.sh     backup_vob.sh    list_label.sh
backup_stat.sh   checkin_all.sh   make_dirs.sh
backup_view.sh   checkout_all.sh  make_vob.sh
mss1hped{efinch}48: vi backup_vob.sh
[?1l>[24;1H[?1h="backup_vob.sh" 148 lines, 3359 characters [H[2J#! /bin/sh[H
#
# ECS Software - Property of US Government
#
#-----------------------------------------------------------------------------
# filename:
#   backup_vob.sh
```

```
#
# description:
#   Backup all VOBs and Views.
#
# usage:
#   backup_vob.sh
#   backup_vob.sh -h
#
#   -h : output this help message and exit
#
# author:
#   Ed Finch / Authorization Systems, Inc.
#
#-----------------------------------------------------------------------------

Help()[H[23B"backup_vob.sh" 148 lines, 3359 characters[H[23B[K/usr[H[2Jfi[H

/etc/wall << EOF
ClearCase Backup Procedure
--------------------------
```

```
Please exit all VOBs and Views.

EOF


sleep 120


LOGFILE="/usr/vob-logs/backup-status.log"

CCase="/usr/atria/bin/cleartool"

MAINTARFILE="/usr/vob-backup/vobs.tar"

VOBS="`$CCase lsvob | awk '{print $2}'`"

VIEWS="`ls -d /data/viewstore/*.vws`"


echo "Start VOB/View backup log - `date`" > $LOGFILE


echo "" >> $LOGFILE

if [ -f $MAINTARFILE.Z ] ; then

  \rm -f $MAINTARFILE.Z

  echo "Deleted $MAINTARFILE.Z" >> $LOGFILE

fi[11;11Husr/

[1L[12B[K[12;1H[1M[11Bfi[12;1H[AL[13B/[11;11Husr/[@c[@c[@a[@s[@e[@/[13B[K/[12;9H[12B[K/[13;15Husr/[@c[@c[@a[@s[@e[
@/[11B[K/[H[2J   echo "Deleted $MAINTARFILE.Z" >> $LOGFILE[H

fi
```

```
echo "" >> $LOGFILE

# Backup Views
echo "" >> $LOGFILE
echo "View backup - start - `date`" >> $LOGFILE

# Create View Tar File
echo "Tar file (views) - Create - `date`" >> $LOGFILE
TARFILE="/usr/vob-backup/views"
tar cvf $TARFILE.tar $VIEWS
echo "Tar file (views) - Finished - `date`" >> $LOGFILE

# Compress View Tar File
echo "Compress tar file (views) - Start - `date`" >> $LOGFILE
compress $TARFILE.tar
echo "Compress tar file (views) - Finished - `date`" >> $LOGFILE

# Tar to Main File
echo "Tar to main - Start - `date`" >> $LOGFILE
tar cvf $MAINTARFILE $TARFILE.tar.Z
```

```
echo "Tar to main - Finished - `date`" >> $LOGFILE[11;11Husr/[@c[@c[@a[@s[@e[@/[13B/[H[2JEOF
echo "" >> $LOGFILE
  echo "Backup VOB $i - start - `date`" >> $LOGFILE

  # Lock Vob
  echo "Locking VOB $i" >> $LOGFILE
  $CCase lock -vob $i

  # Tar File
  VLOC="`$CCase lsvob $i | awk '{print $3}'`"
  TARFILE="/usr/vob-backup/`basename $VLOC`"
  echo "Tar File - Create - `date`" >> $LOGFILE
  tar cvf $TARFILE.tar $VLOC
  echo "Tar File - Finished - `date`" >> $LOGFILE

  # Unlock Vob

  $CCase unlock -vob $i
  echo "Unlocked VOB $i" >> $LOGFILE
```

```
/etc/wall << EOF
ClearCase Backup Procedure
---------------------------[11;14Husr/[@c[@c[@a[@s[@e[@/[13B/[H[2Jfi[H

/etc/wall << EOF
ClearCase Backup Procedure
--------------------------
Please exit all VOBs and Views.
EOF

sleep 120

LOGFILE="/usr/ccase/vob-logs/backup-status.log"
CCase="/usr/atria/bin/cleartool"
MAINTARFILE="/usr/ccase/vob-backup/vobs.tar"
VOBS="`$CCase lsvob | awk '{print $2}'`"
VIEWS="`ls -d /data/viewstore/*.vws`"

echo "Start VOB/View backup log - `date`" > $LOGFILE
```

```
echo "" >> $LOGFILE
if [ -f $MAINTARFILE.Z ] ; then
   \rm -f $MAINTARFILE.Z
   echo "Deleted $MAINTARFILE.Z" >> $LOGFILE
fi[11;11H[13B/[12;9H[12B[K/[13;15H[11B[K/[H[2J   echo "Deleted $MAINTARFILE.Z" >> $LOGFILE[H
fi
echo "" >> $LOGFILE

# Backup Views
echo "" >> $LOGFILE
echo "View backup - start - `date`" >> $LOGFILE

# Create View Tar File
echo "Tar file (views) - Create - `date`" >> $LOGFILE
TARFILE="/usr/ccase/vob-backup/views"
tar cvf $TARFILE.tar $VIEWS
echo "Tar file (views) - Finished - `date`" >> $LOGFILE

# Compress View Tar File
echo "Compress tar file (views) - Start - `date`" >> $LOGFILE
```

```
compress $TARFILE.tar
echo "Compress tar file (views) - Finished - `date`" >> $LOGFILE

# Tar to Main File
echo "Tar to main - Start - `date`" >> $LOGFILE
tar cvf $MAINTARFILE $TARFILE.tar.Z
echo "Tar to main - Finished - `date`" >> $LOGFILE[11;11H[13B/[H[2JEOF
echo "" >> $LOGFILE
  echo "Backup VOB $i - start - `date`" >> $LOGFILE

  # Lock Vob
  echo "Locking VOB $i" >> $LOGFILE
  $CCase lock -vob $i

  # Tar File
  VLOC="`$CCase lsvob $i | awk '{print $3}'`"
  TARFILE="/usr/ccase/vob-backup/`basename $VLOC`"
  echo "Tar File - Create - `date`" >> $LOGFILE
  tar cvf $TARFILE.tar $VLOC
  echo "Tar File - Finished - `date`" >> $LOGFILE
```

```
  # Unlock Vob

  $CCase unlock -vob $i
  echo "Unlocked VOB $i" >> $LOGFILE

/etc/wall << EOF
ClearCase Backup Procedure
--------------------------[11;14H[13B/[H[2Jfi[H

/etc/wall << EOF
ClearCase Backup Procedure
--------------------------
Please exit all VOBs and Views.
EOF

sleep 120

LOGFILE="/usr/ccase/vob-logs/backup-status.log"
CCase="/usr/atria/bin/cleartool"
```

```
MAINTARFILE="/usr/ccase/vob-backup/vobs.tar"

VOBS="`$CCase lsvob | awk '{print $2}'`"

VIEWS="`ls -d /data/viewstore/*.vws`"


echo "Start VOB/View backup log - `date`" > $LOGFILE


echo "" >> $LOGFILE

if [ -f $MAINTARFILE.Z ] ; then

  \rm -f $MAINTARFILE.Z

  echo "Deleted $MAINTARFILE.Z" >> $LOGFILE

fi[11;11H[13B:wq"backup_vob.sh" 148 lines, 3383 characters

[J[?1l>[?1l>mss1hped{efinch}49: grep usr backup_vob.sh

LOGFILE="/usr/ccase/vob-logs/backup-status.log"

CCase="/usr/atria/bin/cleartool"

MAINTARFILE="/usr/ccase/vob-backup/vobs.tar"

TARFILE="/usr/ccase/vob-backup/views"

  TARFILE="/usr/ccase/vob-backup/`basename $VLOC`"

mss1hped{efinch}50: cd  cd scripts

scripts: No such file or directory

mss1hped{efinch}51: cd  ./v backup_vob.sh
```

```
./backup_vob.sh: /usr/ccase/vob-logs/backup-status.log: cannot create
mss1hped{efinch}52: pwd
/usr/ccase/scripts
mss1hped{efinch}53: cd ..
/usr/ccase
mss1hped{efinch}54: ls
TC13.1_log   scripts      triggers     view-backup  vob-backup   vob-logs
mss1hped{efinch}55: ll
total 66
-rw-rw-rw-   1 efinch   users      28511 Dec 15 15:37 TC13.1_log
drwxrwxr-x   2 vobadm   sys         1024 Dec 15 15:26 scripts/
drwxr-xr-x   2 vobadm   sys         1024 Dec 15 15:26 triggers/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 view-backup/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 vob-backup/
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 vob-logs/
mss1hped{efinch}56: chmod 777 vob-logs
chmod: can't change vob-logs: Not owner
mss1hped{efinch}57: su - root
Password:
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```

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==========

Please do a kdestroy when you are finished useing DCE.....

==========

You have mail.

-su: setenv: not found

Is your terminal or display an HP product [y/n]: yn

Please specify the terminal type.

TERM = (hp) vt100

[3g[24;9HH[24;17HH[24;25HH[24;33HH[24;41HH[24;49HH[24;57HH[24;65HH[24;73HHErase is Backspace

Kill is Ctrl-U

-su: setenv: not found

Value of TERM has been set to "hp".

```
3       1       1       1       1       1       1       1       1       1R&s0AWARNING:  YOU ARE SUPERUSER !!

# chmod 777     0 /usr/ccase/vob-logs
# cd /usr/ccase
# ll
total 72
-rw-rw-rw-   1 efinch   users      31250 Dec 15 15:37 TC13.1_log
drwxrwxr-x   2 vobadm   sys         1024 Dec 15 15:26 scripts
drwxr-xr-x   2 vobadm   sys         1024 Dec 15 15:26 triggers
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 view-backup
drwxr-xr-x   2 vobadm   sys           24 Sep  8 14:10 vob-backup
drwxrwx---   2 vobadm   sys           24 Sep  8 14:10 vob-logs
# chmod 777 vob-logs
# logout root
mss1hped{efinch}58: mss1hped{efinch}5:
mss1hped{efinch}5:
mss1hped{efinch}5: ps
   PID TTY      TIME COMMAND
 14053 ttyp2    0:00 csh
 14302 ttyp2    0:00 ps
```

```
mss1hped{efinch}6: c setview efinch

mss1hped{efinch}1:

mss1hped{efinch}1:

mss1hped{efinch}1: cd /usr/ccase3/s   /scripts

/usr/ccase/scripts

mss1hped{efinch}2: ll

total 42

-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh*

-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh*

-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh*

-rwxrwxr-x   1 vobadm   users       3383 Dec 15 15:34 backup_vob.sh*

-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh*

-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh*

-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh*

-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh*

-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh*

mss1hped{efinch}3: backup_vob.sh

tar: cannot open /usr/ccase/vob-backup/views.tar

/usr/ccase/vob-backup/views.tar: No such file or directory

tar: cannot open /usr/ccase/vob-backup/vobs.tar
```

```
cleartool: Error: No permission to perform operation "lock".

cleartool: Error: Must be one of: VOB owner, root

cleartool: Error: Unable to lock versioned object base "/net/mss1hped/disk1/vobstore/pathfinder.vbs".

tar: cannot open /usr/ccase/vob-backup/pathfinder.vbs.tar

cleartool: Error: Object is not locked.

cleartool: Error: Unable to unlock versioned object base "/net/mss1hped/disk1/vobstore/pathfinder.vbs".

/usr/ccase/vob-backup/pathfinder.vbs.tar: No such file or directory

tar: cannot open /usr/ccase/vob-backup/vobs.tar

cleartool: Error: No permission to perform operation "lock".

cleartool: Error: Must be one of: VOB owner, root

cleartool: Error: Unable to lock versioned object base "/net/mss1hped/disk1/vobstore/ebf.vbs".

tar: cannot open /usr/ccase/vob-backup/ebf.vbs.tar

cleartool: Error: Object is not locked.

cleartool: Error: Unable to unlock versioned object base "/net/mss1hped/disk1/vobstore/ebf.vbs".

/usr/ccase/vob-backup/ebf.vbs.tar: No such file or directory

tar: cannot open /usr/ccase/vob-backup/vobs.tar

cleartool: Error: No permission to perform operation "lock".

cleartool: Error: Must be one of: VOB owner, root

cleartool: Error: Unable to lock versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs".

tar: cannot open /usr/ccase/vob-backup/pchang.vbs.tar
```

cleartool: Error: Object is not locked.

cleartool: Error: Unable to unlock versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs".

/usr/ccase/vob-backup/pchang.vbs.tar: No such file or directory

tar: cannot open /usr/ccase/vob-backup/vobs.tar

/usr/ccase/vob-backup/vobs.tar: No such file or directory

mss1hped{efinch}4: su - root

Password:

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==========

Please do a kdestroy when you are finished useing DCE.....

==========

You have mail.

-su: setenv: not found

```
Is your terminal or display an HP product [y/n]: yn

Please specify the terminal type.

TERM = (hp) vt100

[3g[24;9HH[24;17HH[24;25HH[24;33HH[24;41HH[24;49HH[24;57HH[24;65HH[24;73HHErase is Backspace

Kill is Ctrl-U

-su: setenv: not found


Value of TERM has been set to "hp".

3       1       1       1       1       1       1       1       1       1R&s0AWARNING:  YOU ARE SUPERUSER !!


# cd /usr/ccase/scrits  pts s

# ll

total 42

-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh

-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh

-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh

-rwxrwxr-x   1 vobadm   users       3383 Dec 15 15:34 backup_vob.sh

-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh

-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh

-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh
```

```
-rwxrwxr-x   1 vobadm   users      1392 Dec 15 15:24 make_dirs.sh
-rwxrwxr-x   1 vobadm   users      3248 Dec 15 15:24 make_vob.sh
# backup_vob.sh
backup_vob.sh: not found
# ./backup_vob.sh
a /data/viewstore/efinch.vws/.identity/uid 0 blocks
a /data/viewstore/efinch.vws/.identity/gid 0 blocks
a /data/viewstore/efinch.vws/.s/00017/C8B9120C.0006.a 1 blocks
a /data/viewstore/efinch.vws/.s/view_db.crs_file 0 blocks
a /data/viewstore/efinch.vws/config_spec 1 blocks
a /data/viewstore/efinch.vws/db/view_db_schema_version 1 blocks
a /data/viewstore/efinch.vws/db/view_db.dbd 11 blocks
a /data/viewstore/efinch.vws/db/vista.taf 11 blocks
a /data/viewstore/efinch.vws/db/view_db.d01 4 blocks
a /data/viewstore/efinch.vws/db/view_db.d02 4 blocks
a /data/viewstore/efinch.vws/db/view_db.k01 4 blocks
a /data/viewstore/efinch.vws/db/vista.log 19 blocks
a /data/viewstore/efinch.vws/.view 1 blocks
a /data/viewstore/efinch.vws/.pid 1 blocks
a /data/viewstore/efinch.vws/view_db.state 1 blocks
```

a /data/viewstore/efinch.vws/.compiled_spec 1 blocks

a /data/viewstore/mmolinet-v1.vws/.identity/uid 0 blocks

a /data/viewstore/mmolinet-v1.vws/.identity/gid 0 blocks

a /data/viewstore/mmolinet-v1.vws/.identity/group.213 0 blocks

a /data/viewstore/mmolinet-v1.vws/.s/view_db.crs_file 0 blocks

a /data/viewstore/mmolinet-v1.vws/config_spec 1 blocks

a /data/viewstore/mmolinet-v1.vws/db/view_db_schema_version 1 blocks

a /data/viewstore/mmolinet-v1.vws/db/view_db.dbd 11 blocks

a /data/viewstore/mmolinet-v1.vws/db/vista.taf 11 blocks

a /data/viewstore/mmolinet-v1.vws/db/view_db.d01 2 blocks

a /data/viewstore/mmolinet-v1.vws/db/view_db.d02 4 blocks

a /data/viewstore/mmolinet-v1.vws/db/view_db.k01 4 blocks

a /data/viewstore/mmolinet-v1.vws/db/vista.log 7 blocks

a /data/viewstore/mmolinet-v1.vws/.view 1 blocks

a /data/viewstore/mmolinet-v1.vws/view_db.state 1 blocks

a /data/viewstore/mmolinet-v1.vws/.compiled_spec 1 blocks

a /data/viewstore/pchang-v1.vws/.identity/uid 0 blocks

a /data/viewstore/pchang-v1.vws/.identity/gid 0 blocks

a /data/viewstore/pchang-v1.vws/.s/00028/953FF4FB.0004.hi.outx 17 blocks

a /data/viewstore/pchang-v1.vws/.s/00028/855FF5D9.0005..cmake.state 1 blocks

a /data/viewstore/pchang-v1.vws/.s/00028/9A7FF359.000A.hi.outar 20 blocks

a /data/viewstore/pchang-v1.vws/.s/view_db.crs_file 0 blocks

a /data/viewstore/pchang-v1.vws/config_spec 1 blocks

a /data/viewstore/pchang-v1.vws/db/view_db_schema_version 1 blocks

a /data/viewstore/pchang-v1.vws/db/view_db.dbd 11 blocks

a /data/viewstore/pchang-v1.vws/db/vista.taf 11 blocks

a /data/viewstore/pchang-v1.vws/db/view_db.d01 6 blocks

a /data/viewstore/pchang-v1.vws/db/view_db.d02 4 blocks

a /data/viewstore/pchang-v1.vws/db/view_db.k01 4 blocks

a /data/viewstore/pchang-v1.vws/db/vista.log 21 blocks

a /data/viewstore/pchang-v1.vws/.view 1 blocks

a /data/viewstore/pchang-v1.vws/.pid 1 blocks

a /data/viewstore/pchang-v1.vws/view_db.state 1 blocks

a /data/viewstore/pchang-v1.vws/.compiled_spec 1 blocks

a /data/viewstore/vobadm.vws/.identity/uid 0 blocks

a /data/viewstore/vobadm.vws/.identity/gid 0 blocks

a /data/viewstore/vobadm.vws/.s/00038/0B969398.0009.a.out 1 blocks

a /data/viewstore/vobadm.vws/.s/view_db.crs_file 0 blocks

a /data/viewstore/vobadm.vws/config_spec 1 blocks

a /data/viewstore/vobadm.vws/db/view_db_schema_version 1 blocks

```
a /data/viewstore/vobadm.vws/db/view_db.dbd 11 blocks
a /data/viewstore/vobadm.vws/db/vista.taf 11 blocks
a /data/viewstore/vobadm.vws/db/view_db.d01 10 blocks
a /data/viewstore/vobadm.vws/db/view_db.d02 6 blocks
a /data/viewstore/vobadm.vws/db/view_db.k01 4 blocks
a /data/viewstore/vobadm.vws/db/vista.log 23 blocks
a /data/viewstore/vobadm.vws/.view 1 blocks
a /data/viewstore/vobadm.vws/.pid 1 blocks
a /data/viewstore/vobadm.vws/view_db.state 1 blocks
a /data/viewstore/vobadm.vws/.compiled_spec 1 blocks
a /usr/ccase/vob-backup/views.tar.Z 74 blocks
Locked versioned object base "/net/mss1hped/disk1/vobstore/pathfinder.vbs".
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/.identity/uid 0 blocks
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/.identity/gid 0 blocks
tar: couldn't get gname for gid 171
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/.identity/group.171 0 blocks
tar: couldn't get gname for gid 202
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/.identity/group.202 0 blocks
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/vob_oid 1 blocks
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/replica_uuid 1 blocks
```

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/.pid 1 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/1a/2f/83f32ccc146f11cfb17a0800094f5b50 37 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/3e/e/3769e9d90f1311cfad220800094f5b50 2 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/24/4/5b29e9ed0fac11cfad220800094f5b50 2 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/27/3f/5f59e9f50fac11cfad220800094f5b50 2 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/31/2a/f1332cac139311cfb17a0800094f5b50 38 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/37/19/d4a55e12130d11cfa31b00017273c873 1 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/6/29/4c7a1fde13c411cfafbf00017273c873 1 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/s/sdft/6/29/09b32cb413c411cfb17a0800094f5b50 26941 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.dbd 37 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/db_dumper 1578 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vista.taf 11 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.d01 88 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.k01 40 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.k02 56 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.d02 16 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.d03 16 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.k03 16 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db.k04 16 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vob_db_schema_version 1 blocks

```
a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vista.tcf 1 blocks

a /net/mss1hped/disk1/vobstore/pathfinder.vbs/db/vista.tjf 1 blocks

Unlocked versioned object base "/net/mss1hped/disk1/vobstore/pathfinder.vbs".

tar: cannot stat /usr/ccase/vob-backup/pathfinder.vbs.tar.Z.  Not dumped.

Locked versioned object base "/net/mss1hped/disk1/vobstore/ebf.vbs".

a /net/mss1hped/disk1/vobstore/ebf.vbs/.identity/uid 0 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/.identity/gid 0 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/vob_oid 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/replica_uuid 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/.pid 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/s/sdft/14/20/308302a2367811cfb87500017273c873 2 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/c/cdft/8/35/78e2e2fc367311cfa9610800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/c/cdft/d/5/e642e31c367411cfa9610800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/c/cdft/9/42/308302a2367811cfb87500017273c873 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.dbd 37 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/db_dumper 1578 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vista.taf 11 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.d01 64 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.k01 32 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.k02 40 blocks
```

```
a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.d02 16 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.d03 16 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.k03 16 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db.k04 16 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vob_db_schema_version 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vista.tcf 1 blocks

a /net/mss1hped/disk1/vobstore/ebf.vbs/db/vista.tjf 1 blocks

Unlocked versioned object base "/net/mss1hped/disk1/vobstore/ebf.vbs".

a /usr/ccase/vob-backup/ebf.vbs.tar.Z 964 blocks

Locked versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs".

a /net/mss1hped/disk1/vobstore/pchang.vbs/.identity/uid 0 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/.identity/gid 0 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/vob_oid 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/replica_uuid 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/.pid 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/s/sdft/28/1c/52376af7372011cfade00800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/s/sdft/5/42/350760e9372011cfad880800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/s/sdft/25/24/363760ed372011cfad880800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/c/cdft/26/20/52376af7372011cfade00800094f5b50 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.dbd 37 blocks
```

```
a /net/mss1hped/disk1/vobstore/pchang.vbs/db/db_dumper 1578 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vista.taf 11 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.d01 56 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.k01 32 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.k02 32 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.d02 16 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.d03 16 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.k03 16 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db.k04 16 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vob_db_schema_version 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vista.tcf 1 blocks

a /net/mss1hped/disk1/vobstore/pchang.vbs/db/vista.tjf 1 blocks

Unlocked versioned object base "/net/mss1hped/disk1/vobstore/pchang.vbs".

a /usr/ccase/vob-backup/pchang.vbs.tar.Z 950 blocks

#

#

#

#

# / ./backup_view.sh

backup_view.sh usage:
```

```
    backup_view.sh [ <view-tag-name> ]


Options:

        -n      Exclude .o and .a files.

        -f      Destination directory for tar file archive. The default

                is to place it in user's home directory.


This script will perform all the required Clearcase operations that

are required to backup view private storage.

# ./backup_view.sh efinch

./backup_view.sh: cleartool: not found

View efinch not found.

# logout root

mss1hped{efinch}5: /usr/ccase/scripts/backup_view.sh

backup_view.sh usage:


    backup_view.sh [ <view-tag-name> ]


Options:
```

-n Exclude .o and .a files.

-f Destination directory for tar file archive. The default is to place it in user's home directory.

This script will perform all the required Clearcase operations that are required to backup view private storage.

```
mss1hped{efinch}6: /usr/ccase/scripts/backup_view.sh efinch
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
tar: cannot open /usr/ccase/view-backup/efinch.tar
/usr/ccase/view-backup/efinch.tar: No such file or directory
mss1hped{efinch}7:  /usr/ccase/scripts/backup_view.sh pchang
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Error: No matching entries found for view tag "pchang".
View pchang not found.
mss1hped{efinch}8: c sl  lsview
  jwatts-v1          /net/mss1hped/disk1/viewstore/jwatts-v1
* vobadm              /net/mss1hped/disk1/viewstore/vobadm.vws
  lmagday-v1          /net/mss1hped/disk1/viewstore/lmagday-v1
```

```
  mmolinet-v1          /net/mss1hped/disk1/viewstore/mmolinet-v1.vws
* pchang-v1.vws        /net/mss1hped/disk1/viewstore/pchang-v1.vws
* efinch               /net/mss1hped/disk1/viewstore/efinch.vws
mss1hped{efinch}9: /usr/ccase/scripts/backup_view.sh pchang-v1.vws
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
tar: cannot open /usr/ccase/view-backup/pchang-v1.vws.tar
/usr/ccase/view-backup/pchang-v1.vws.tar: No such file or directory
mss1hped{efinch}10: su - root
Password:
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(c)Copyright 1979, 1980, 1983, 1985-1993 The Regents of the Univ. of California
(c)Copyright 1980, 1984, 1986 Novell, Inc.
(c)Copyright 1986-1992 Sun Microsystems, Inc.
(c)Copyright 1985, 1986, 1988 Massachusetts Institute of Technology
(c)Copyright 1986 Digital Equipment Corp.
(c)Copyright 1990 Motorola, Inc.
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```

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==========

```
Please do a kdestroy when you are finished useing DCE.....

==============================================================================

You have mail.

-su: setenv: not found

Is your terminal or display an HP product [y/n]: yn

Please specify the terminal type.

TERM = (hp) vt100

[3g[24;9HH[24;17HH[24;25HH[24;33HH[24;41HH[24;49HH[24;57HH[24;65HH[24;73HHErase is Backspace

Kill is Ctrl-U

-su: setenv: not found


Value of TERM has been set to "hp".

3       1       1       1       1       1       1       1       1       1R&s0AWARNING:  YOU ARE SUPERUSER !!


# cd /usr/ccase

# ll

total 112

-rw-rw-rw-   1 efinch   users      51766 Dec 15 15:47 TC13.1_log

drwxrwxr-x   2 vobadm   sys         1024 Dec 15 15:26 scripts

drwxr-xr-x   2 vobadm   sys         1024 Dec 15 15:26 triggers
```

```
drwxr-xr-x   2 vobadm   sys          24 Sep  8 14:10 view-backup
drwxr-xr-x   2 vobadm   sys        1024 Dec 15 15:44 vob-backup
drwxrwxrwx   2 vobadm   sys        1024 Dec 15 15:40 vob-logs
# mkdir view-backup
mkdir: cannot create view-backup: File exists
# ch
# chmod 777 view-backup
# l
R&s0ATC13.1_log, scripts, triggers, view-backup, vob-backup, vob-logs
# ll
total 114
-rw-rw-rw-   1 efinch   users      52359 Dec 15 15:48 TC13.1_log
drwxrwxr-x   2 vobadm   sys        1024 Dec 15 15:26 scripts
drwxr-xr-x   2 vobadm   sys        1024 Dec 15 15:26 triggers
drwxrwxrwx   2 vobadm   sys          24 Sep  8 14:10 view-backup
drwxr-xr-x   2 vobadm   sys        1024 Dec 15 15:44 vob-backup
drwxrwxrwx   2 vobadm   sys        1024 Dec 15 15:40 vob-logs
# logout root
mss1hped{efinch}11: ./backup_view.sh
mss1hped{efinch}11:
```

```
mss1hped{efinch}11: history
    1    cd /usr/ccase/scripts
    2    ll
    3    backup_vob.sh
    4    su - root
    5    /usr/ccase/scripts/backup_view.sh
    6    /usr/ccase/scripts/backup_view.sh efinch
    7    /usr/ccase/scripts/backup_view.sh pchang
    8    c lsview
    9    /usr/ccase/scripts/backup_view.sh pchang-v1.vws
   10    su - root
   11    history
mss1hped{efinch}12: !9
/usr/ccase/scripts/backup_view.sh pchang-v1.vws
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
cleartool: Warning: Obsolete command.  Using "lsview" to list view tags.
a /view/pchang-v1.vws/view/pchang-v1.vws/ecs/ebf/.cmake.state 1 blocks
a /view/pchang-v1.vws/view/pchang-v1.vws/ecs/ebf/hi.c 1 blocks
a /view/pchang-v1.vws/view/pchang-v1.vws/ecs/ebf/hi.outar 20 blocks
```

```
a /view/pchang-v1.vws/view/pchang-v1.vws/ecs/ebf/hi.outx 17 blocks
mss1hped{efinch}13: ll
total 42
-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh*
-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh*
-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh*
-rwxrwxr-x   1 vobadm   users       3383 Dec 15 15:34 backup_vob.sh*
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh*
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh*
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh*
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh*
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh*
mss1hped{efinch}14: ct  at
mss1hped{efinch}14: cat make_dirs.sh
#! /bin/sh
#
# ECS Software - Property of US Government
#
#-----------------------------------------------------------------------------
# filename:
```

```
#   make_dirs.sh
#
# description:
#   This script will create the directory structure for the
#   science software VOBs.
#
# usage:
#   make_dirs.sh
#   make_dirs.sh -h
#
# author:
#   Ed Finch / Authorization Systems, Inc.
#
#-----------------------------------------------------------------------------

Help()
{
    sed -n '/filename:/,/author:/p' $0 | grep -v "author:" | cut -c3-300 | more
    #this line must be here because it contains the string: "author:"
    exit
```

```
}

if [ `whoami` != "root" ]
then
    echo You must be ROOT to run this script.
    exit 1
fi

echo Creating directories
mkdir -p /usr/ccase/scripts
mkdir    /usr/ccase/triggers
mkdir    /usr/ccase/view-backup
mkdir    /data/viewstore
mkdir    /usr/ccase/vob-backup
mkdir    /usr/ccase/vob-logs
mkdir    /data/vobstore
chown vobadm /usr/ccase/scripts
chown vobadm /usr/ccase/triggers
chown vobadm /usr/ccase/view-backup
chown vobadm /data/viewstore
```

```
chown vobadm /usr/ccase/vob-backup

chown vobadm /usr/ccase/vob-logs

chown vobadm /data/vobstore

chmod 775 /usr/ccase/scripts

chmod 755 /usr/ccase/triggers

chmod 755 /usr/ccase/view-backup

chmod 777 /data/viewstore

chmod 755 /usr/ccase/vob-backup

chmod 755 /usr/ccase/vob-logs

chmod 777 /data/vobstore


echo Done.


mss1hped{efinch}15: ll

total 42

-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh*

-rwxrwxr-x   1 vobadm   users        830 Dec 15 15:24 backup_stat.sh*

-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh*

-rwxrwxr-x   1 vobadm   users       3383 Dec 15 15:34 backup_vob.sh*

-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh*
```

```
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh*
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh*
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh*
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh*
mss1hped{efinch}16: ps
   PID TTY      TIME COMMAND
 14053 ttyp2    0:00 csh
 14651 ttyp2    0:00 ps
 14303 ttyp2    0:00 csh
mss1hped{efinch}17: backup_stat.sh
Backup status


cat: cannot open /usr/vob-logs/backup-status.log: No such file or directory


End of backup logfile
mss1hped{efinch}18: vi backup_stat.sh
[?1l>[24;1H[?1h="backup_stat.sh" 43 lines, 830 characters [H[2J#! /bin/sh[H
#
# ECS Software - Property of US Government
#
```

```
#-----------------------------------------------------------------------------
# filename:
#   backup_stat.sh
#
# description:
#   Display the status file generated by the backup_all.sh script.
#
# usage:
#   backup_stat.sh
#   backup_stat.sh -h
#
#   -h : output this help message and exit
#
# author:
#   Ed Finch / Authorization Systems, Inc.
#
#-----------------------------------------------------------------------------

Help()[H[23B"backup_stat.sh" 43 lines, 830 characters[H[23B[K/usr[H[2Jif [ "$1" = "-h" ] ; then[2;4HHelp
fi
```

```
if [ $# != 0 ] ; then
   Help
fi

echo "Backup status"
echo
cat /usr/vob-logs/backup-status.log
echo
echo "End of backup logfile"

~
~
~
~
~
~
~
~
~[11;6Husr/[@c[@c[@a[@s[@e[@/[13B:wq"backup_stat.sh" 43 lines, 836 characters
```

```
[J[?1l>[?1l>mss1hped{efinch}19: ./backup_stat.sh

Backup status


Start VOB/View backup log - Fri Dec 15 15:43:28 EST 1995

View backup - start - Fri Dec 15 15:43:28 EST 1995

Tar file (views) - Create - Fri Dec 15 15:43:28 EST 1995

Tar file (views) - Finished - Fri Dec 15 15:43:31 EST 1995

Compress tar file (views) - Start - Fri Dec 15 15:43:31 EST 1995

Compress tar file (views) - Finished - Fri Dec 15 15:43:31 EST 1995

Tar to main - Start - Fri Dec 15 15:43:31 EST 1995

Tar to main - Finished - Fri Dec 15 15:43:31 EST 1995

View backup - end - Fri Dec 15 15:43:31 EST 1995


Backup VOB /ecs/pathfinder - start - Fri Dec 15 15:43:32 EST 1995

Locking VOB /ecs/pathfinder

Tar File - Create - Fri Dec 15 15:43:33 EST 1995

Tar File - Finished - Fri Dec 15 15:43:49 EST 1995

Unlocked VOB /ecs/pathfinder

Compress File - Start - Fri Dec 15 15:43:50 EST 1995

Compress File - Finished - Fri Dec 15 15:44:22 EST 1995
```

Tar to main - Start - Fri Dec 15 15:44:22 EST 1995

Tar to main - Finished - Fri Dec 15 15:44:22 EST 1995

Backup VOB /ecs/pathfinder - end - Fri Dec 15 15:44:22 EST 1995

Backup VOB /ecs/ebf - start - Fri Dec 15 15:44:22 EST 1995

Locking VOB /ecs/ebf

Tar File - Create - Fri Dec 15 15:44:24 EST 1995

Tar File - Finished - Fri Dec 15 15:44:26 EST 1995

Unlocked VOB /ecs/ebf

Compress File - Start - Fri Dec 15 15:44:27 EST 1995

Compress File - Finished - Fri Dec 15 15:44:28 EST 1995

Tar to main - Start - Fri Dec 15 15:44:28 EST 1995

Tar to main - Finished - Fri Dec 15 15:44:28 EST 1995

Backup VOB /ecs/ebf - end - Fri Dec 15 15:44:28 EST 1995

Backup VOB /ecs/pchang - start - Fri Dec 15 15:44:28 EST 1995

Locking VOB /ecs/pchang

Tar File - Create - Fri Dec 15 15:44:29 EST 1995

Tar File - Finished - Fri Dec 15 15:44:31 EST 1995

Unlocked VOB /ecs/pchang

```
Compress File - Start - Fri Dec 15 15:44:32 EST 1995

Compress File - Finished - Fri Dec 15 15:44:33 EST 1995

Tar to main - Start - Fri Dec 15 15:44:33 EST 1995

Tar to main - Finished - Fri Dec 15 15:44:33 EST 1995

Backup VOB /ecs/pchang - end - Fri Dec 15 15:44:33 EST 1995


Compressing /usr/ccase/vob-backup/vobs.tar - Fri Dec 15 15:44:33 EST 1995

Compression completed - Fri Dec 15 15:44:36 EST 1995


Backup of Vobs completed - Fri Dec 15 15:44:36 EST 1995


End of backup logfile

mss1hped{efinch}20: cd /s    cd  d /ecs/pchang/test

ll

/ecs/pchang/test: No such file or directory

mss1hped{efinch}21: ll

total 42

-rwxrwxr-x   1 vobadm   users       1024 Dec 15 15:24 add_label.sh*

-rwxrwxr-x   1 vobadm   users        836 Dec 15 15:50 backup_stat.sh*

-rwxrwxr-x   1 vobadm   users       4046 Dec 15 15:24 backup_view.sh*
```

```
-rwxrwxr-x   1 vobadm   users       3383 Dec 15 15:34 backup_vob.sh*
-rwxrwxr-x   1 vobadm   users       1097 Dec 15 15:24 checkin_all.sh*
-rwxrwxr-x   1 vobadm   users       1192 Dec 15 15:24 checkout_all.sh*
-rwxrwxr-x   1 vobadm   users        795 Dec 15 15:24 list_label.sh*
-rwxrwxr-x   1 vobadm   users       1392 Dec 15 15:24 make_dirs.sh*
-rwxrwxr-x   1 vobadm   users       3248 Dec 15 15:24 make_vob.sh*
mss1hped{efinch}22: c rmver a       lsco
cleartool: Error: Not an object in a vob: ".".
mss1hped{efinch}23: cd  pwd
/usr/ccase/scripts
mss1hped{efinch}24: ps
   PID TTY      TIME COMMAND
 14053 ttyp2    0:00 csh
 14664 ttyp2    0:00 ps
 14303 ttyp2    0:00 csh
mss1hped{efinch}25: cd /ecs/pchang
/ecs/pchang
mss1hped{efinch}26: cd test
test: No such file or directory
mss1hped{efinch}27: ll
```

```
total 6
-rwxrwxrwx   1 efinch   users        30 Dec 15 15:29 a*
-r-xr-xr-x   1 vobadm   users        32 Dec 15 15:29 b*
-r-xr-xr-x   1 vobadm   users        34 Dec 15 15:29 c*
drwxrwxr-x   2 vobadm   users         0 Dec 15 15:17 lost+found/
mss1hped{efinch}28: c lsco
15-Dec.15:29   efinch    checkout version [m[1m"a"[m[m from /main/ebf_branch/0 (reserved)
mss1hped{efinch}29: c rmver c         c ls
a@@/main/ebf_branch/CHECKEDOUT from /main/ebf_branch/0   Rule: CHECKEDOUT
b@@/main/1                                   Rule: /main/LATEST
c@@/main/1                                   Rule: /main/LATEST
lost+found@@/main/0                              Rule: /main/LATEST
mss1hped{efinch}30: c rmver c@@/main/1
Removal of "interesting" versions must be explicitly enabled.
Not removing these "interesting" versions of "c":
  /main/1 (has: labels)
cleartool: Error: No versions of "c" to remove.
mss1hped{efinch}31: c rmver
cleartool: Error: Pathname required.
Usage: rmver [-force] [-xbranch] [-xlabel] [-xattr] [-xhlink] [-data]
```

```
        [-version version-selector | -vrange low-version high-version]
        [-c comment | -cfile pname | -cq | -cqe | -nc] pname ...
mss1hped{efinch}32: c rmver -force -nc c@@/main/1
Removal of "interesting" versions must be explicitly enabled.
Not removing these "interesting" versions of "c":
  /main/1 (has: labels)
cleartool: Error: No versions of "c" to remove.
mss1hped{efinch}33: rmver     c rmver c
Removal of "interesting" versions must be explicitly enabled.
Not removing these "interesting" versions of "c":
  /main/1 (has: labels)
cleartool: Error: No versions of "c" to remove.
mss1hped{efinch}34: c rmver -force -xbranch -xlabel -xattr                -nc c!!/   @@/main/1
Removal of "interesting" versions must be explicitly enabled.
Not removing these "interesting" versions of "c":
  /main/1 (has: labels)
cleartool: Error: No versions of "c" to remove.
mss1hped{efinch}35: c rmver -force -xbranch -xlabel --xa   xattr -xhlink -nc c@@/main/1
Removing these versions of "c":
  /main/1 (has: labels)
```

```
The rmver command has been blocked due to its dangerous nature.

It is suggested that you use the -rmname- command instead. However,

should it be necessary to REMOVE the version please contact the

ClearCase administrator.

cleartool: Warning: [m[1mTrigger "block_rmver" has refused to let rmver proceed.[m[m

cleartool: Error: Unable to remove versions of "c".

mss1hped{efinch}36: c rmelem -force c

The rmelem command has been blocked due to its dangerous nature.

It is suggested that you use the -cleartool rmname- command instead.

I.e., 1. checkout parent directory.

2. cleartool rmname <element>

However, should it be necessary to REMOVE the element please contact

the ClearCase administrator.

cleartool: Warning: [m[1mTrigger "block_rmelem" has refused to let rmelem proceed.[m[m

cleartool: Error: Unable to remove element "c".

mss1hped{efinch}37: c rmbranck h ebf_bea  ranch

cleartool: Error: Name not found: "ebf_branch".

mss1hped{efinch}38: c ls

a@@/main/ebf_branch/CHECKEDOUT from /main/ebf_branch/0   Rule: CHECKEDOUT

b@@/main/1                                Rule: /main/LATEST
```

```
c@@/main/1                              Rule: /main/LATEST

lost+found@@/main/0                     Rule: /main/LATEST

mss1hped{efinch}39: cci

cleartool: Error: Element pathname required.

Usage: checkin | ci [-c comment | -cfile pname | -cq | -cqe | -nc]

            [-cr] [-ptime] [-keep | -rm] [-from source-pname]

            [-identical] pname ...

mss1hped{efinch}40: cci a

cleartool: Error: By default, won't create version with data identical to predecessor.

cleartool: Error: Unable to check in "a".

mss1hped{efinch}41: ls >> a

mss1hped{efinch}42: cci a

cleartool: Warning: Version checked in is not selected by view.

Checked in "a" version "/main/ebf_branch/1".

mss1hped{efinch}43: c   c

mss1hped{efinch}43: c rmbranch

cleartool: Error: Pathname required.

Usage: rmbranch [-c comment | -cfile pname | -cq | -cqe | -nc]

          [-force] pname ...

mss1hped{efinch}44: c rmbranch -nc /main/ebf_branch          a@@.a   @/main/branch
```

```
cleartool: Error: Name not found: "a@@/main/branch".

mss1hped{efinch}45: c rmbranch -nc a@@/main/ebf_branch

Branch "a@@/main/ebf_branch" has 0 sub-branches, 2 sub-versions

Remove branch, all its sub-branches and sub-versions?  [no] yes

The rmbranch command has been blocked due to its dangerous nature.

It is suggested that you use the -rmname- command instead. However,

should it be necessary to REMOVE the branch, please contact the

ClearCase administrator.

cleartool: Warning: [m[1mTrigger "block_rmbranch" has refused to let rmbranch proceed.[m[m

cleartool: Error: Unable to remove branch "a@@/main/ebf_branch".

mss1hped{efinch}46: mss1hped{efinch}7:

script done on Fri Dec 15 15:56:41 1995
```

3.13.1.4 Recommendations and Conclusions

Test ran successfully after on-line change to the "make_dirs.sh" script - to provide the proper authority to the directory created. Make sure all the scripts are put under the correct directory: /usr/ccase/scripts and /usr/ccase/triggers. Make sure you have "root" and "vobadm" privilege when running this test.

3.13.2 Building, Installing, and Verifying Executable Code for an ECS Defined Platform (T03-01.02.01)

3.13.2.1 Test Summary

This test verified that the CM Tool was able to build, install, and execute the executable code for an ECS defined platform. This test was a continuation of the previous test case (13.1). After the CM scripts created the VOB, a tester was able to checkin, checkout, modify ,compile and execute a source code/algorithm on an ECS defined platform. See test procedure for more detail.

3.13.2.2 Deviations (if applicable)

The updated test procedure as following:

Step No.	Step Description / Operator Action	Expected Results	Observations / Comments
1	Enter: <**login id** > on the DAAC workstation with **user account**	'Password' will be displayed.	This test is to demo that under development environment how the system-wide configuration management work
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: **script TC13.2_log** on the workstation at DAAC	All input/output to the workstation will be recorded in the TC13.2_log file.	

4	Enter: **telnet bering.hitc.com**	'login:' will be displayed	bering.hitc.com is a development system contains ECS software
5	Enter: **<login id >** on bering.hit.com	'Password:' will be displayed	
6	Enter: **cd <directory>**		
7	Enter: **ftp <host name>**	Connect to the host	
8	Enter: **<logon id>**		
9	Enter: **<password>**		
10	Enter: **put <file name>**	Transfer complete	
11	Enter: **quit**	Close the ftp connection	
12	Enter: **exit**		
13	Enter: **cleartool setview <view name>**		
14	Enter: **cd /ecs/pathfinder**		
15	Enter: **ls**	List all the elements	
16	Enter: **cleartool checkout -nc .**	Checked out "." from version "/main/x".	
17	Enter: **cp ~/<file name> .**	Algorithm is copied to current directory	
18	Enter: **cleartool mkelem -ci <file name>**	Checkin comment	
19	Enter: **Initial algorithm creation(version 1) <return> . <return>**	Create the initial element for algorithm and checked in as version "/main/1"	
20	Enter: **cleartool mklbtype -pbranch -nc Rel1**	Create the label type Rel1	

21	Enter : **cleartool mklabel -version /main/1 Rel1 <file name>**	Create label "Rel1" on "file" version " /main/1"	
22	Enter: **cleartool checkin -nc .**	Check in the current directory	
23	Enter: **cleartool lshistory *.***	A history is displayed	
24	Enter: **ls -la *.***		
25	Enter: **cleartool checkout <file name.c>**		
26	Enter: **Second version algorithm creation(version 2) <return> . <return>**		
27	Enter: **vi <file name.c>**		
28	Enter: **/* version 2*/** at the header and change the **version 1** to **version 2** in the file		
29	Enter**: CC <file name.c> -o <file name.out>**	Create the executable code	
30	Enter: **cleartool checkin -nc <file name.c>**	Upgrade the algorithm to version 2 and checked in as "/main/2"	
31	Enter: **cleartool mklbtype -pbranch -nc Rel2**	Create the label type Rel2	
32	Enter : **cleartool mklabel -version /main/2 Rel2 <file name.c>**	Create label "Rel2" on the algorithm version " /main/2"	
33	Enter: **ls -la <file name.*>**	A directory listing of the algorithm is displayed	Note: Since the algorithm is now under **CM**, there are no wirte permissions for this file
34	Enter: **tar cvf <file name.outar> <file name.out>**	Generate a tar file for delivery	

35	Enter: **ftp <host name at a different DAAC>**	Connect to the host	
36	Enter: <**login id** >	"Password" will be displayed	
37	Enter: <**password**> on the workstation	'host name {user name}:' will be displayed.	
38	Enter: **cd <directory>**	To the directory where you wnat to save the file	
39	Enter: **put <file name.outar>**	Transfer complete	
40	Enter: **quit**	Close the ftp connection	
41	Enter: **rlogin** <**login id of different DAAC**>		
42	Enter: **cd <directory>**	To the directory where you saved the file	
43	Enter: **tar xvf <file name.outar>**	Decompress the file	
44	Enter: **ls -l <file name.*>**	List all the elements	
45	Enter: **<file name.out** >	Run the executable code on that platform	
46	Enter: **exit**	Out of the script	
47	Logoff		

3.13.2.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)

Test Case Name:	**Building Executable Codes for an ECS defined platform type Test Procedures (T03-01.02.01)**
Test Case ID:	**TC 13.2**
Test Location: EDF DAAC:	
S/W Config./ Version:	Sun OS 5.4
H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov, mss2sunedf.gsfc.nasa.gov**
Test Data:	
Test Tools/ Scripts:	Clearcase

Test Date:12 - 18-95	Test Time: 14:00:21	Tester(s): Ping-Chieh. Chang (pchang)

Witness(es): John Dennison (IV&V)

Comments:

NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass		Fail	Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.2

****

Date/Time: Mon Dec 18 14:00:21 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

```
pchang  9559  9536 61 14:00:14 console  0:01 mwm
pchang  9546  9536 23 14:00:11 console  0:00 xclock -digital -geometry -0+0
pchang  9536  9534 14 14:00:10 console  0:00 sh /home/pchang/.xinitrc
pchang  9554  9536 80 14:00:12 console  0:03 /usr/local/bin/Mosaic -iconic
pchang  9970  9969 50 14:43:52 pts/3    0:00 ps -aef
pchang  9969  9959  6 14:43:52 pts/3    0:00 grep pchang
pchang  9534  9443 11 14:00:08 console  0:00 xinit
pchang  9545  9536 80 14:00:11 ?        0:01 xterm -T /home/pchang -n /home/pchang -ls -rw -geometry 80x24+0-160
pchang  9544  9536 20 14:00:11 console  0:00 xconsole -exitOnFail -geometry +0+0
pchang  9558  9545 80 14:00:14 pts/3    0:01 -csh
pchang  9443     1 80 13:59:50 console  0:02 -csh
pchang  9535  9534 80 14:00:08 console  0:13 X :0
pchang  9959  9558 16 14:43:45 pts/3    0:00 /bin/sh env3
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DISPLAY=:0.0

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src
```

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/usr/share/man:/opt/SUNWspro/man:/usr/local/man:/usr/openwin/man:/data/autotree1/autosys/doc:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NCD_LIBRARY_PATH=/usr/lib/X11/ncd

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin:/data/autotree1/autosys/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/home/pchang/PCF.v5.ssit.dps3sunedf

PRINTER=mss3hpedf

PWD=/home/pchang

REMOTEDISPLAY=dps3sunedf:0.0

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

WINDOWID=12582925

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DISPLAY=:0.0

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/usr/share/man:/opt/SUNWspro/man:/usr/local/man:/usr/openwin/man:/data/autotree1/autosys/doc:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NCD_LIBRARY_PATH=/usr/lib/X11/ncd

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin:/data/autotree1/autosys/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/home/pchang/PCF.v5.ssit.dps3sunedf

PRINTER=mss3hpedf

PWD=/home/pchang

REMOTEDISPLAY=dps3sunedf:0.0

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

WINDOWID=12582925

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.2

Output Data:

Script started on Mon Dec 18 14:00:33 1995

Mercury environment set

```
dps3sunedf{pchang}1: telenet bering.hitc.com

telenet: Command not found

dps3sunedf{pchang}2: telnet bering  .hitc.com

Trying 155.157.84.31 ...

Connected to bering.hitc.com.

Escape character is '^]'.


IRIX System V.4 (bering)


login: pchang

Password:

UX:login: ERROR: Login incorrect

login: pchang

Password:

IRIX Release 5.3 IP20 bering

Copyright 1987-1994 Silicon Graphics, Inc. All Rights Reserved.

Last login: Mon Dec 18 13:34:01 EST 1995 by UNKNOWN@dps3sunedf.gsfc.nasa.gov

*****************************************************************

                    NOTICE
```

```
THIS SYSTEM IS FOR USE OF AUTHORIZED USERS ONLY.  ALL ACTIVITIES
ON THIS SYSTEM ARE MONITORED AND RECORDED BY SYSTEM PERSONNEL.
ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING
AND IS ADVISED THAT IF SUCH MONITORING REVEALS POSSIBLE EVIDENCE
OF CRIMINAL ACTIVITY, SYSTEM PERSONNEL MAY PROVIDE THE EVIDENCE
OF SUCH MONITORING TO LAW ENFORCEMENT OFFICIALS.

****************************************************************
No match
bering{pchang}1: cd c++
/tmp_mnt/home/pchang/pchang/c++
bering{pchang}2: ls
hi.c     p7-1.C   p7-2b.C  p7-4.C   p7-4b.C  p7-5.d   p7-5c.C  test.c
p6-1.C   p7-2a.C  p7-3.C   p7-4a.C  p7-5.C   p7-5b.C  p8-1.C
bering{pchang}3: ftp dps3sunedf.gsfc.nasa.gov
Connected to dps3sunedf.gsfc.nasa.gov.
220 dps3sunedf FTP server (UNIX(r) System V Release 4.0) ready.
Name (dps3sunedf.gsfc.nasa.gov:pchang): pchang
331 Password required for pchang.
Password:
```

```
230 User pchang logged in.

ftp> put test.c

local: test.c remote: test.c

200 PORT command successful.

150 ASCII data connection for test.c (155.157.84.31,3114).

226 Transfer complete.

138 bytes sent in 0.00 seconds (27.24 Kbytes/s)

ftp> quit

221 Goodbye.

bering{pchang}4: exit

bering{pchang}5: logout

Connection closed by foreign host.

dps3sunedf{pchang}3: cleartool setview pchang.v1-    -v1.vws

Mercury environment set

dps3sunedf{pchang}1: cp ~/test/c   t.c .

cp: /home/pchang/test.c and ./test.c are identical

dps3sunedf{pchang}2: ls

2.12_edfA_edf        TC13.2              gsfc_scf

2.12_edf_gsfc        TC13.2_log          hi.c

AUT_Valid            TC13.6_log          hi.outar
```

AUT_invalid	TC13.7	hi.outx
Aut_Invalid	TC13.7_log	larc_edf
Aut_valid	TC13.8_log	larc_edf_2
DAN0	TC13_10_sgi	larc_scf
DAN1	TC2.2	mbox
DAN2	TC2.25_log	msfc_edf
DAN3	TC2.2_env	msfc_scf
DANexpdate	TC2.3	p8-1.C
DANfile	TC6.10_log	ping1
DANinval	TC6.11_log	ping2
Ir1_setup	TC6.8_log	ping3
Ir1_setup.bak	TC6.9_log	prtm
TC1.14	Xdefaults.swin	sample_database.dir
TC1.14_log	a.out	sample_database.pag
TC1.18	ascii.tst	save.tst
TC1.18_log	ascii1.tst	sdstypes-1.hdf
TC118.log	binary.tst	socketClient
TC13.1	core	tc2.2_log
TC13.12	dumpster	tc2.3msg1
TC13.12_log	edc_edf	tc2.3msg2

```
TC13.13          edc_edf_2        tcx
TC13.13_log      edc_scf          test.ada
TC13.14          env3             test.c
TC13.14_log      gsfc_edf         test12
TC13.1_log       gsfc_edf_2       testx
dps3sunedf{pchang}3: cd /ecs/pathfinder
/ecs/pathfinder
dps3sunedf{pchang}4: ls
a          c          lost+found     pathfinder.c
b          etop05.dat     pathfind.c     test.c.mkelem
dps3sunedf{pchang}5: rm test.c.mkelem
rm: remove test.c.mkelem (y/n)? y
dps3sunedf{pchang}6: cp ~/test/c  .c .
dps3sunedf{pchang}7: ls l
total 36532
drwxrwxr-x   3 vobadm   users       234 Dec 18 14:02 .
dr-xr-xr-x  14 root     root        512 Dec 12 11:31 ..
-r-xr-xr-x   1 vobadm   users       281 Oct 25 17:15 a
-r-xr-xr-x   1 vobadm   users       296 Oct 26 11:31 b
-r-xr-xr-x   1 vobadm   users       296 Oct 26 11:31 c
```

```
-r-xr-xr-x   1 vobadm   users    18662400 Oct 31 15:32 etop05.dat

drwxrwxr-x   2 vobadm   users         59 Oct 30 17:55 lost+found

-r-xr-xr-x   1 vobadm   users      18637 Nov  1 12:02 pathfind.c

-r-xr-xr-x   1 vobadm   users      18624 Oct 31 09:48 pathfinder.c

-rwxrwxrwx   1 pchang   users        129 Dec 18 14:02 test.c

dps3sunedf{pchang}8: cleartool lsco

18-Dec.13:43   pchang    checkout directory version [m[m[1m"."[m[m[m from /main/7 (reserved)

dps3sunedf{pchang}9: cleartool uncheck .

Checkout cancelled for ".".

dps3sunedf{pchang}10: cleartool checkout .

Checkout comments for ".":

for initial installation

.

Checked out "." from version "/main/7".

dps3sunedf{pchang}11: cleartool che   mkelem -ci test.c

Creation comments for "test.c":

Initial algorithm creation (version           (version 1)

.

Changed protection on "/ecs/pathfinder/./test.c".

Created element "test.c" (type "text_file").
```

```
Checked in "test.c" version "/main/1".

dps3sunedf{pchang}12: cleartool mklbtype -pbranch -nc Rel1

Created label type "Rel1".

dps3sunedf{pchang}13: cleartool mklabel -version /main/1/  Rel1 test.c

Created label "Rel1" on "test.c" version "/main/1".

dps3sunedf{pchang}14: cleartool checkin -nc .

Checked in "." version "/main/8".

dps3sunedf{pchang}15: ls -    cleartool lshistory *.*

18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/1"[m[m[m (Rel1)

  "Initial algorithm creation(version 1)"

18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/0"[m[m[m

18-Dec.14:04   pchang    create branch [m[m[1m"test.c@@/main"[m[m[m

18-Dec.14:04   pchang    create file element [m[m[1m"test.c@@"[m[m[m

  "Initial algorithm creation(version 1)"

01-Nov.12:02   jwatts    create version [m[m[1m"pathfind.c@@/main/2"[m[m[m

  "First algorithm upgrade (version2)"

01-Nov.11:46   jwatts    create version [m[m[1m"pathfind.c@@/main/1"[m[m[m

  "Initial Algorithm creation (version1)"

01-Nov.11:46   jwatts    create version [m[m[1m"pathfind.c@@/main/0"[m[m[m

01-Nov.11:46   jwatts    create branch [m[m[1m"pathfind.c@@/main"[m[m[m
```

01-Nov.11:46 jwatts create file element [m[m[1m"pathfind.c@@"[m[m[m

"Initial Algorithm creation (version1)"

31-Oct.15:32 jwatts create version [m[m[1m"etop05.dat@@/main/1"[m[m[m

"Initial database creation(version1) "

31-Oct.15:32 jwatts create version [m[m[1m"etop05.dat@@/main/0"[m[m[m

31-Oct.15:32 jwatts create branch [m[m[1m"etop05.dat@@/main"[m[m[m

31-Oct.15:32 jwatts create file element [m[m[1m"etop05.dat@@"[m[m[m

"Initial database creation(version1) "

31-Oct.09:48 jwatts create version [m[m[1m"pathfinder.c@@/main/5"[m[m[m

"Enhanced Algorithm (version5)"

30-Oct.16:51 lmagday create version [m[m[1m"pathfinder.c@@/main/4"[m[m[m

"Third algorithm upgrade(version4)"

30-Oct.16:18 jwatts create version [m[m[1m"pathfinder.c@@/main/3"[m[m[m

"Second algorithm upgrade(version3)"

30-Oct.11:30 jwatts create version [m[m[1m"pathfinder.c@@/main/2"[m[m[m (REL2)

"First algorithm upgrade(version2)"

27-Oct.08:06 jwatts create version [m[m[1m"pathfinder.c@@/main/1"[m[m[m

"Initial algorithm creation (version1)"

27-Oct.08:06 jwatts create version [m[m[1m"pathfinder.c@@/main/0"[m[m[m

27-Oct.08:06 jwatts create branch [m[m[1m"pathfinder.c@@/main"[m[m[m

```
27-Oct.08:06   jwatts    create file element [m[m[1m"pathfinder.c@@"[m[m[m
  "Initial algorithm creation (version1)"
dps3sunedf{pchang}16: l cleartool lshistory test.*
18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/1"[m[m[m (Rel1)
  "Initial algorithm creation(version 1)"
18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/0"[m[m[m
18-Dec.14:04   pchang    create branch [m[m[1m"test.c@@/main"[m[m[m
18-Dec.14:04   pchang    create file element [m[m[1m"test.c@@"[m[m[m
  "Initial algorithm creation(version 1)"
dps3sunedf{pchang}17: cleartool lstree
cleartool: Error: Unrecognized command: "lstree"
dps3sunedf{pchang}18: ls -la *.*
-r-xr-xr-x   1 vobadm   users    18662400 Oct 31 15:32 etop05.dat
-r-xr-xr-x   1 vobadm   users      18637 Nov  1 12:02 pathfind.c
-r-xr-xr-x   1 vobadm   users      18624 Oct 31 09:48 pathfinder.c
-r-xr-xr-x   1 vobadm   users        129 Dec 18 14:04 test.c
dps3sunedf{pchang}19: cleartool lsvtree
cleartool: Error: Element pathname required.
Usage: lsvtree [-nrecurse] [-short] [-all] [-merge] [-nco]
            [-branch branch-pname] pname ...
```

```
dps3sunedf{pchang}20: cleartool lsvtree * test*

test.c@@/main

test.c@@/main/1 (Rel1)

dps3sunedf{pchang}21: cleartool checkout test.c

Checkout comments for "test.c":

Second version algorithm creation(version 2)

.

Checked out "test.c" from version "/main/1".

dps3sunedf{pchang}22: vi test.c

[24;1H[?1h="test.c" 9 lines, 129 characters [H[2J/* Version 1 */[H

#include <iostream.h>


main()

{

   cout << "Hello.  ";

    cout << "This is version 1 of the test program";


}

~

~
```

```
~[H[23B"test.c" 9 lines, 129 characters[H/* Version 2





            <<
 "This is version 2[17B[K:wq"test.c" 9 lines, 129 characters
[J[?1l>dps3sunedf{pchang}23: more test.c
/* Version 2 */
#include <iostream.h>

main()
{
   cout << "Hello.  ";
   cout << "This is version 2 of the test program";

}
dps3sunedf{pchang}24: CC test.c -o tr est.out
dps3sunedf{pchang}25: cleartool checkin test.c
Default:
```

```
Second version algorithm creation(version 2)

Checkin comments for "test.c":  ("." to accept default)

Checkin the modified version

.

Checked in "test.c" version "/main/2".

dps3sunedf{pchang}26: cleartool mklbtype -pbranch -nc Rel2

Created label type "Rel2".

dps3sunedf{pchang}27: cleartool mklabel -version /main/2 Rel2 test.c

Created label "Rel2" on "test.c" version "/main/2".

dps3sunedf{pchang}28: cleartool lsvtree test.c

test.c@@/main

test.c@@/main/1 (Rel1)

test.c@@/main/2 (Rel2)

dps3sunedf{pchang}29: ls -ls test.c

   1 -r-xr-xr-x   1 vobadm   users        129 Dec 18 14:19 test.c

dps3sunedf{pchang}30: ls -la test.c

-r-xr-xr-x   1 vobadm   users        129 Dec 18 14:19 test.c

dps3sunedf{pchang}31: tar cvf test.out  art  test.out

a test.out 9K

dps3sunedf{pchang}32: ls
```

```
a           c           lost+found    pathfinder.c  test.out
b           etop05.dat    pathfind.c    test.c       test.outar
dps3sunedf{pchang}33: rlogin mss   mss2sunedf
Last login: Fri Dec 15 14:52:04 from kazon.HITC.COM
*****************************************************************
                    NOTICE
THIS SYSTEM IS FOR USE OF AUTHORIZED USERS ONLY.  ALL ACTIVITIES
ON THIS SYSTEM ARE MONITORED AND RECORDED BY SYSTEM PERSONNEL
ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING
AND IS ADVISED THAT IF SUCH MONITORING REVEALS POSSIBLE EVIDENCE
OF CRIMINAL ACTIVITY, SYSTEM PERSONNEL MAY PROVIDE THE EVIDENCE
OF SUCH MONITORING TO LAW ENFORCEMENT OFFICIALS.
*****************************************************************
Please do a kdestroy before you log off if you were using DCE .................
*******************************************************************************
Mercury environment set
No match
mss2sunedf{pchang}1: cd
/home/pchang
mss2sunedf{pchang}2: ftp dps3sunedf
```

```
Connected to dps3sunedf.gsfc.nasa.gov.

220 dps3sunedf FTP server (UNIX(r) System V Release 4.0) ready.

Name (dps3sunedf:pchang): pchang

331 Password required for pchang.

Password:

230 User pchang logged in.

ftp> cd /ecs/pathfinder

250 CWD command successful.

ftp> put test.outar

test.outar: No such file or directory

ftp> quit

221 Goodbye.

mss2sunedf{pchang}3: exit

mss2sunedf{pchang}4: logout

Connection closed.

dps3sunedf{pchang}34: ls

a          c          lost+found    pathfinder.c  test.out

b          etop05.dat    pathfind.c    test.c       test.outar

dps3sunedf{pchang}35: ftp mss2suk nedf

Connected to mss2sunedf.gsfc.nasa.gov.
```

```
220 mss2sunedf FTP server (UNIX(r) System V Release 4.0) ready.

Name (mss2sunedf:pchang): pchang

331 Password required for pchang.

Password:

230 User pchang logged in.

ftp> get test.t outar

200 PORT command successful.

550 test.outar: No such file or directory.

ftp> put test.outar

200 PORT command successful.

150 ASCII data connection for test.outar (192.150.28.116,56672).

226 Transfer complete.

local: test.outar remote: test.outar

10255 bytes sent in 0.017 seconds (5.9e+02 Kbytes/s)

ftp> quit

221 Goodbye.

dps3sunedf{pchang}36: ls t*

test.c      test.out    test.outar

dps3sunedf{pchang}37: ll

total 36569
```

```
drwxrwxr-x   3 vobadm   users        413 Dec 18 14:25 .
dr-xr-xr-x  14 root     root         512 Dec 12 11:31 ..
-r-xr-xr-x   1 vobadm   users        281 Oct 25 17:15 a
-r-xr-xr-x   1 vobadm   users        296 Oct 26 11:31 b
-r-xr-xr-x   1 vobadm   users        296 Oct 26 11:31 c
-r-xr-xr-x   1 vobadm   users    18662400 Oct 31 15:32 etop05.dat
drwxrwxr-x   2 vobadm   users         59 Oct 30 17:55 lost+found
-r-xr-xr-x   1 vobadm   users      18637 Nov  1 12:02 pathfind.c
-r-xr-xr-x   1 vobadm   users      18624 Oct 31 09:48 pathfinder.c
-r-xr-xr-x   1 vobadm   users        129 Dec 18 14:19 test.c
-rwxrwxr-x   1 pchang   users       8252 Dec 18 14:19 test.out
-rw-rw-r--   1 pchang   users      10240 Dec 18 14:25 test.outar
dps3sunedf{pchang}38: rm test.out
rm: remove test.out (y/n)? y
dps3sunedf{pchang}39: ls -l t*
-r-xr-xr-x   1 vobadm   users        129 Dec 18 14:19 test.c
-rw-rw-r--   1 pchang   users      10240 Dec 18 14:25 test.outar
dps3sunedf{pchang}40: tar xvf ter st.outar
x test.out, 8252 bytes, 17 tape blocks
dps3sunedf{pchang}41: ls
```

```
a          c          lost+found    pathfinder.c  test.out
b          etop05.dat    pathfind.c    test.c       test.outar
dps3sunedf{pchang}42: ftp mss2sunedf
Connected to mss2sunedf.gsfc.nasa.gov.
220 mss2sunedf FTP server (UNIX(r) System V Release 4.0) ready.
Name (mss2sunedf:pchang): pchang
331 Password required for pchang.
Password:
230 User pchang logged in.
ftp> dir
200 PORT command successful.
150 ASCII data connection for /bin/ls (192.150.28.116,56694) (0 bytes).
total 7096
-rw-------   1 pchang   Ir1_IT       507 Dec 11 19:22 2.12_edfA_edf
-rw-------   1 pchang   Ir1_IT       969 Dec 11 19:22 2.12_edf_gsfc
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  6 09:46 AUT_Valid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  6 09:46 AUT_invalid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  8 14:11 Aut_Invalid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  8 14:11 Aut_valid
-rw-rw-rw-   1 pchang   users        418 Nov  3 14:25 DAN0
```

```
-rw-rw-rw-   1 pchang   users       420 Nov  3 14:25 DAN1
-rw-rw-rw-   1 pchang   users       663 Nov  3 14:25 DAN2
-rw-rw-rw-   1 pchang   users       960 Nov  3 14:25 DAN3
-rw-rw-rw-   1 pchang   users       419 Nov  3 14:25 DANexpdate
-rw-rw-rw-   1 pchang   users       901 Nov  3 14:25 DANfile
-rw-rw-rw-   1 pchang   users       419 Nov  3 14:25 DANinval
-rw-r--r--   1 pchang   users      6020 Dec 15 10:50 Ir1_setup
-rw-rw-r--   1 pchang   users      5127 Dec 11 19:22 Ir1_setup.bak
-rw-r--r--   1 pchang   users      5091 Dec 11 19:24 TC1.14
-rw-r--r--   1 pchang   users      4111 Dec 11 19:24 TC1.14_log
-rw-rw-r--   1 pchang   Ir1_IT      4864 Dec 11 19:24 TC1.18
-rw-rw-r--   1 pchang   Ir1_IT     10424 Dec 11 19:24 TC1.18_log
-rw-rw-r--   1 pchang   Ir1_IT      9417 Dec 11 19:24 TC118.log
-rw-rw-r--   1 pchang   Ir1_IT      6076 Dec 15 16:24 TC13.1
-rw-rw-rw-   1 pchang   Ir1_IT      3019 Dec 12 14:12 TC13.12
-rw-rw-rw-   1 pchang   Ir1_IT      6857 Dec 12 13:35 TC13.12_log
-rw-rw-r--   1 pchang   Ir1_IT      2972 Dec 12 14:16 TC13.13
-rw-rw-r--   1 pchang   Ir1_IT      6857 Dec 12 14:18 TC13.13_log
-rw-rw-r--   1 pchang   Ir1_IT      3030 Dec 12 14:17 TC13.14
-rw-rw-r--   1 pchang   Ir1_IT      6857 Dec 12 14:18 TC13.14_log
```

```
-rw-rw-rw-   1 pchang   users      66589 Dec 15 15:56 TC13.1_log
-rw-rw-r--   1 pchang   Ir1_IT     22813 Dec 18 13:38 TC13.2
-rw-rw-r--   1 pchang   users     12288 Dec 18 14:27 TC13.2_log
-rw-rw-r--   1 pchang   Ir1_IT       326 Dec 11 19:24 TC13.6_log
-rw-rw-r--   1 pchang   Ir1_IT      4745 Dec 11 19:24 TC13.7
-rw-rw-r--   1 pchang   Ir1_IT     47393 Dec 11 19:24 TC13.7_log
-rw-rw-r--   1 pchang   Ir1_IT       677 Dec 12 18:17 TC13.8_log
-rw-rw-r--   1 pchang   Ir1_IT      4820 Dec 11 11:56 TC13_10_sgi
-rw-rw-r--   1 pchang   users      4701 Dec 11 19:24 TC2.2
-rw-rw-r--   1 pchang   Ir1_IT       359 Nov 15 16:55 TC2.25_log
-rw-rw-r--   1 pchang   users      4673 Nov 28 09:31 TC2.2_env
-rw-rw-r--   1 pchang   Ir1_IT      4707 Nov  9 14:38 TC2.3
-rw-rw-r--   1 pchang   Ir1_IT       576 Nov 16 10:22 TC6.10_log
-rw-rw-r--   1 pchang   Ir1_IT       590 Nov 16 10:23 TC6.11_log
-rw-rw-r--   1 pchang   Ir1_IT       582 Nov 16 10:21 TC6.8_log
-rw-rw-r--   1 pchang   Ir1_IT       592 Nov 16 10:22 TC6.9_log
-rw-r--r--   1 pchang   users       154 Oct 23 08:25 Xdefaults.swin
-rwxr-xr-x   1 pchang   users     21928 Dec  9 17:04 a.out
-rw-rw-r--   1 pchang   users       933 Dec 11 18:16 ascii.tst
-rw-rw-r--   1 pchang   users       936 Dec 11 18:16 ascii1.tst
```

```
-rw-rw-r--   1 pchang   users     349539 Dec 11 18:16 binary.tst
-rw-rw-r--   1 pchang   sys      2313728 Dec 18 13:59 core
drwxr-xr-x   3 pchang   users         27 Nov  7 14:15 dumpster
-rw-rw-r--   1 pchang   Ir1_IT       577 Oct 24 14:27 edc_edf
-rw-rw-r--   1 pchang   Ir1_IT       577 Oct 24 15:26 edc_edf_2
-rw-rw-rw-   1 pchang   users        529 Oct 24 15:06 edc_scf
-rwxrwxrwx   1 pchang   users       2142 Oct 23 08:34 env3
-rw-rw-r--   1 pchang   Ir1_IT       562 Oct 24 14:27 gsfc_edf
-rw-rw-r--   1 pchang   Ir1_IT       566 Oct 24 14:43 gsfc_edf_2
-rw-rw-rw-   1 pchang   users        545 Oct 24 15:06 gsfc_scf
-rwxrwxrwx   1 pchang   users        114 Dec 14 18:29 hi.c
-rw-rw-rw-   1 pchang   users      10240 Dec 15 17:22 hi.outar
-rwxrwxr-x   1 pchang   users       8236 Dec 15 14:59 hi.outx
-rw-rw-r--   1 pchang   Ir1_IT       570 Oct 24 14:27 larc_edf
-rw-rw-r--   1 pchang   Ir1_IT       570 Oct 24 14:43 larc_edf_2
-rw-rw-rw-   1 pchang   users        520 Oct 24 15:06 larc_scf
-rw-r--r--   1 pchang   users       2412 Oct 23 08:31 mbox
-rw-rw-r--   1 pchang   Ir1_IT       578 Oct 24 14:27 msfc_edf
-rw-rw-rw-   1 pchang   users        525 Oct 24 15:06 msfc_scf
-rw-r--r--   1 pchang   users       4051 Oct 23 08:25 p8-1.C
```

```
-rw-rw-r--   1 pchang   users       1820 Nov 28 14:54 ping1
-rw-rw-r--   1 pchang   users      40961 Nov 28 11:27 ping2
-rw-rw-rw-   1 pchang   users       2376 Nov 28 14:03 ping3
-rwxrwxrwx   1 pchang   users      55652 Nov  6 09:35 prtm
-rw-rw-r--   1 pchang   users          0 Dec 11 18:16 sample_database.dir
-rw-rw-r--   1 pchang   users       1024 Dec 11 18:16 sample_database.pag
-rw-------   1 pchang   users        207 Nov  8 11:49 save.tst
-rw-rw-r--   1 pchang   users       7000 Dec 11 18:16 sdstypes-1.hdf
-rwxrwxrwx   1 pchang   Ir1_IT    233364 Nov  2 14:49 socketClient
-rw-rw-r--   1 pchang   users      46516 Nov 14 11:10 tc2.2_log
-rwxrwxr--   1 pchang   users       1684 Nov 20 15:11 tc2.3msg1
-rw-rw-r--   1 pchang   Ir1_IT       556 Nov  9 14:54 tc2.3msg2
-rw-rw-r--   1 pchang   users       4691 Nov  8 13:51 tcx
-rw-r--r--   1 pchang   users       2455 Oct 23 08:25 test.ada
-rwxrwxrwx   1 pchang   users        129 Dec 18 14:01 test.c
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:27 test.outar
-rw-------   1 pchang   users        677 Oct 27 11:23 test12
-rw-rw-r--   1 pchang   users        140 Oct 27 11:25 testx
226 ASCII Transfer complete.
5482 bytes received in 0.42 seconds (13 Kbytes/s)
```

```
ftp> put test.outar

200 PORT command successful.

150 ASCII data connection for test.outar (192.150.28.116,56695).

226 Transfer complete.

local: test.outar remote: test.outar

10255 bytes sent in 0.015 seconds (6.6e+02 Kbytes/s)

ftp> quit

221 Goodbye.

dps3sunedf{pchang}43: rlogin mss2sunedf

Last login: Mon Dec 18 14:26:03 from dps3sunedf.gsfc.

*****************************************************************

                    NOTICE

THIS SYSTEM IS FOR USE OF AUTHORIZED USERS ONLY.  ALL ACTIVITIES

ON THIS SYSTEM ARE MONITORED AND RECORDED BY SYSTEM PERSONNEL

ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING

AND IS ADVISED THAT IF SUCH MONITORING REVEALS POSSIBLE EVIDENCE

OF CRIMINAL ACTIVITY, SYSTEM PERSONNEL MAY PROVIDE THE EVIDENCE

OF SUCH MONITORING TO LAW ENFORCEMENT OFFICIALS.

*****************************************************************

Please do a kdestroy before you log off if you were using DCE .................
```

```
*******************************************************************************
Mercury environment set
No match
mss2sunedf{pchang}1: ls t*
tc2.2_log   tc2.3msg2   test.ada    test.outar  testx
tc2.3msg1   tcx         test.c      test12
mss2sunedf{pchang}2: rm test.outar
rm: remove test.outar (y/n)? y
mss2sunedf{pchang}3: ftp dps3sunedf
Connected to dps3sunedf.gsfc.nasa.gov.
220 dps3sunedf FTP server (UNIX(r) System V Release 4.0) ready.
Name (dps3sunedf:pchang): pchang
331 Password required for pchang.
Password:
230 User pchang logged in.
ftp> put test.outar
test.outar: No such file or directory
ftp> get test.outar
200 PORT command successful.
550 test.outar: No such file or directory.
```

```
ftp> cd /ecs/pathfinddr  er

250 CWD command successful.

ftp> put test.outar

test.outar: No such file or directory

ftp> get test.outar

200 PORT command successful.

550 test.outar: No such file or directory.

ftp> dir

200 PORT command successful.

150 ASCII data connection for /bin/ls (192.150.28.112,42694) (0 bytes).

total 0

226 ASCII Transfer complete.

9 bytes received in 0.0016 seconds (5.4 Kbytes/s)

ftp> dir

200 PORT command successful.

150 ASCII data connection for /bin/ls (192.150.28.112,42695) (0 bytes).

total 0

226 ASCII Transfer complete.

9 bytes received in 0.019 seconds (0.46 Kbytes/s)

ftp> quit
```

```
221 Goodbye.

mss2sunedf{pchang}4: exit

mss2sunedf{pchang}5: logout

Connection closed.

dps3sunedf{pchang}44: ls

a            c            lost+found    pathfinder.c  test.out

b            etop05.dat    pathfind.c    test.c        test.outar

dps3sunedf{pchang}45: ftp mss2sukn  nedf

Connected to mss2sunedf.gsfc.nasa.gov.

220 mss2sunedf FTP server (UNIX(r) System V Release 4.0) ready.

Name (mss2sunedf:pchang): pchang

331 Password required for pchang.

Password:

230 User pchang logged in.

ftp> put test.outar

200 PORT command successful.

150 ASCII data connection for test.outar (192.150.28.116,56710).

226 Transfer complete.

local: test.outar remote: test.outar

10255 bytes sent in 0.018 seconds (5.5e+02 Kbytes/s)
```

```
ftp> quit

221 Goodbye.

dps3sunedf{pchang}46: rlogin mss2sunedf

Last login: Mon Dec 18 14:31:29 from dps3sunedf.gsfc.

*****************************************************************

                    NOTICE

THIS SYSTEM IS FOR USE OF AUTHORIZED USERS ONLY.  ALL ACTIVITIES

ON THIS SYSTEM ARE MONITORED AND RECORDED BY SYSTEM PERSONNEL

ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING

AND IS ADVISED THAT IF SUCH MONITORING REVEALS POSSIBLE EVIDENCE

OF CRIMINAL ACTIVITY, SYSTEM PERSONNEL MAY PROVIDE THE EVIDENCE

OF SUCH MONITORING TO LAW ENFORCEMENT OFFICIALS.

*****************************************************************

Please do a kdestroy before you log off if you were using DCE .................

*******************************************************************************

Mercury environment set

No match

mss2sunedf{pchang}1: ls t*

tc2.2_log   tc2.3msg2   test.ada    test.outar  testx

tc2.3msg1   tcx         test.c      test12
```

```
mss2sunedf{pchang}2: ls 0`  -l test*
-rw-r--r--   1 pchang   users       2455 Oct 23 08:25 test.ada
-rwxrwxrwx   1 pchang   users        129 Dec 18 14:01 test.c
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:33 test.outar
-rw-------   1 pchang   users        677 Oct 27 11:23 test12
-rw-rw-r--   1 pchang   users        140 Oct 27 11:25 testx
mss2sunedf{pchang}3: tar xvf test.outar
x test.out, 8252 bytes, 17 tape blocks
mss2sunedf{pchang}4: ls -l
total 7144
-rw-------   1 pchang   Ir1_IT       507 Dec 11 19:22 2.12_edfA_edf
-rw-------   1 pchang   Ir1_IT       969 Dec 11 19:22 2.12_edf_gsfc
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  6 09:46 AUT_Valid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  6 09:46 AUT_invalid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  8 14:11 Aut_Invalid
-rwxrwxr--   1 pchang   Ir1_IT       668 Nov  8 14:11 Aut_valid
-rw-rw-rw-   1 pchang   users        418 Nov  3 14:25 DAN0
-rw-rw-rw-   1 pchang   users        420 Nov  3 14:25 DAN1
-rw-rw-rw-   1 pchang   users        663 Nov  3 14:25 DAN2
-rw-rw-rw-   1 pchang   users        960 Nov  3 14:25 DAN3
```

```
-rw-rw-rw-   1 pchang   users        419 Nov  3 14:25 DANexpdate
-rw-rw-rw-   1 pchang   users        901 Nov  3 14:25 DANfile
-rw-rw-rw-   1 pchang   users        419 Nov  3 14:25 DANinval
-rw-r--r--   1 pchang   users       6020 Dec 15 10:50 Ir1_setup
-rw-rw-r--   1 pchang   users       5127 Dec 11 19:22 Ir1_setup.bak
-rw-r--r--   1 pchang   users       5091 Dec 11 19:24 TC1.14
-rw-r--r--   1 pchang   users       4111 Dec 11 19:24 TC1.14_log
-rw-rw-r--   1 pchang   Ir1_IT      4864 Dec 11 19:24 TC1.18
-rw-rw-r--   1 pchang   Ir1_IT     10424 Dec 11 19:24 TC1.18_log
-rw-rw-r--   1 pchang   Ir1_IT      9417 Dec 11 19:24 TC118.log
-rw-rw-r--   1 pchang   Ir1_IT      6076 Dec 15 16:24 TC13.1
-rw-rw-rw-   1 pchang   Ir1_IT      3019 Dec 12 14:12 TC13.12
-rw-rw-rw-   1 pchang   Ir1_IT      6857 Dec 12 13:35 TC13.12_log
-rw-rw-r--   1 pchang   Ir1_IT      2972 Dec 12 14:16 TC13.13
-rw-rw-r--   1 pchang   Ir1_IT      6857 Dec 12 14:18 TC13.13_log
-rw-rw-r--   1 pchang   Ir1_IT      3030 Dec 12 14:17 TC13.14
-rw-rw-r--   1 pchang   Ir1_IT      6857 Dec 12 14:18 TC13.14_log
-rw-rw-rw-   1 pchang   users     66589 Dec 15 15:56 TC13.1_log
-rw-rw-r--   1 pchang   Ir1_IT     22813 Dec 18 13:38 TC13.2
-rw-rw-r--   1 pchang   users     24576 Dec 18 14:34 TC13.2_log
```

```
-rw-rw-r--   1 pchang   Ir1_IT       326 Dec 11 19:24 TC13.6_log
-rw-rw-r--   1 pchang   Ir1_IT      4745 Dec 11 19:24 TC13.7
-rw-rw-r--   1 pchang   Ir1_IT     47393 Dec 11 19:24 TC13.7_log
-rw-rw-r--   1 pchang   Ir1_IT       677 Dec 12 18:17 TC13.8_log
-rw-rw-r--   1 pchang   Ir1_IT      4820 Dec 11 11:56 TC13_10_sgi
-rw-rw-r--   1 pchang   users      4701 Dec 11 19:24 TC2.2
-rw-rw-r--   1 pchang   Ir1_IT       359 Nov 15 16:55 TC2.25_log
-rw-rw-r--   1 pchang   users      4673 Nov 28 09:31 TC2.2_env
-rw-rw-r--   1 pchang   Ir1_IT      4707 Nov  9 14:38 TC2.3
-rw-rw-r--   1 pchang   Ir1_IT       576 Nov 16 10:22 TC6.10_log
-rw-rw-r--   1 pchang   Ir1_IT       590 Nov 16 10:23 TC6.11_log
-rw-rw-r--   1 pchang   Ir1_IT       582 Nov 16 10:21 TC6.8_log
-rw-rw-r--   1 pchang   Ir1_IT       592 Nov 16 10:22 TC6.9_log
-rw-r--r--   1 pchang   users       154 Oct 23 08:25 Xdefaults.swin
-rwxr-xr-x   1 pchang   users     21928 Dec  9 17:04 a.out
-rw-rw-r--   1 pchang   users       933 Dec 11 18:16 ascii.tst
-rw-rw-r--   1 pchang   users       936 Dec 11 18:16 ascii1.tst
-rw-rw-r--   1 pchang   users    349539 Dec 11 18:16 binary.tst
-rw-rw-r--   1 pchang   sys     2313728 Dec 18 13:59 core
drwxr-xr-x   3 pchang   users        27 Nov  7 14:15 dumpster
```

```
-rw-rw-r--   1 pchang   Ir1_IT       577 Oct 24 14:27 edc_edf
-rw-rw-r--   1 pchang   Ir1_IT       577 Oct 24 15:26 edc_edf_2
-rw-rw-rw-   1 pchang   users        529 Oct 24 15:06 edc_scf
-rwxrwxrwx   1 pchang   users       2142 Oct 23 08:34 env3
-rw-rw-r--   1 pchang   Ir1_IT       562 Oct 24 14:27 gsfc_edf
-rw-rw-r--   1 pchang   Ir1_IT       566 Oct 24 14:43 gsfc_edf_2
-rw-rw-rw-   1 pchang   users        545 Oct 24 15:06 gsfc_scf
-rwxrwxrwx   1 pchang   users        114 Dec 14 18:29 hi.c
-rw-rw-rw-   1 pchang   users      10240 Dec 15 17:22 hi.outar
-rwxrwxr-x   1 pchang   users       8236 Dec 15 14:59 hi.outx
-rw-rw-r--   1 pchang   Ir1_IT       570 Oct 24 14:27 larc_edf
-rw-rw-r--   1 pchang   Ir1_IT       570 Oct 24 14:43 larc_edf_2
-rw-rw-rw-   1 pchang   users        520 Oct 24 15:06 larc_scf
-rw-r--r--   1 pchang   users       2412 Oct 23 08:31 mbox
-rw-rw-r--   1 pchang   Ir1_IT       578 Oct 24 14:27 msfc_edf
-rw-rw-rw-   1 pchang   users        525 Oct 24 15:06 msfc_scf
-rw-r--r--   1 pchang   users       4051 Oct 23 08:25 p8-1.C
-rw-rw-r--   1 pchang   users       1820 Nov 28 14:54 ping1
-rw-rw-r--   1 pchang   users      40961 Nov 28 11:27 ping2
-rw-rw-rw-   1 pchang   users       2376 Nov 28 14:03 ping3
```

```
-rwxrwxrwx   1 pchang   users      55652 Nov  6 09:35 prtm
-rw-rw-r--   1 pchang   users          0 Dec 11 18:16 sample_database.dir
-rw-rw-r--   1 pchang   users       1024 Dec 11 18:16 sample_database.pag
-rw-------   1 pchang   users        207 Nov  8 11:49 save.tst
-rw-rw-r--   1 pchang   users       7000 Dec 11 18:16 sdstypes-1.hdf
-rwxrwxrwx   1 pchang   Ir1_IT    233364 Nov  2 14:49 socketClient
-rw-rw-r--   1 pchang   users      46516 Nov 14 11:10 tc2.2_log
-rwxrwxr--   1 pchang   users       1684 Nov 20 15:11 tc2.3msg1
-rw-rw-r--   1 pchang   Ir1_IT       556 Nov  9 14:54 tc2.3msg2
-rw-rw-r--   1 pchang   users       4691 Nov  8 13:51 tcx
-rw-r--r--   1 pchang   users       2455 Oct 23 08:25 test.ada
-rwxrwxrwx   1 pchang   users        129 Dec 18 14:01 test.c
-rwxrwxr-x   1 pchang   users       8252 Dec 18 14:19 test.out
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:33 test.outar
-rw-------   1 pchang   users        677 Oct 27 11:23 test12
-rw-rw-r--   1 pchang   users        140 Oct 27 11:25 testx
mss2sunedf{pchang}5: test.out
Hello.  This is version 2 of the test programmss2sunedf{pchang}6: exit
mss2sunedf{pchang}7: logout
Connection closed.
```

```
dps3sunedf{pchang}47: exit

dps3sunedf{pchang}48: dps3sunedf{pchang}4: exit

dps3sunedf{pchang}5:

script done on Mon Dec 18 14:35:23 1995
```

3.13.2.4 Recommendations and Conclusions

Test ran successfully. When running this test, need to ftp to a development processor to get the source code/ algorithm.

3.13.3 Build/Install Previous Version of an Executable Code (T03-01.04.02)

3.13.3.1 Test Summary

This test demonstrated the ability to build and install a previous version (other than the current version number) of an executable code on a required platform. See test procedure for more detail.

3.13.3.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description / Operator Action	Expected Results	Observations / Comments
1	Enter: <**login id** > on the workstation H1 which holds all the software under the clearcase with **user account**	'Password' will be displayed.	This test is to demo that under development environment how the system-wide configuration management work.
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: <**login id** > on a different DAAC workstation H2 with **user account**	'Password' will be displayed.	
4	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
5	Enter: **mail <userid>@<ip address of the workstation H1>** and hit **<enter>** key	Enter the mail system and wait for the message text to be entered	
6	Enter: **Please fix the problems and send us the fix version**	The entire message will be displayed on the screen	
7	Enter: **"."** to send the message out	'host name {user name}:' will be displayed.	
8	Enter : **exit**	Back to the workstation H1 (site workstation which hold the software under the clearcase)	

9	Enter: **script TC13.3_log** on the workstation at site	All input/output to the workstation will be recorded in the TC13.1_log file.	
10	Enter: **mail** on the workstation H1	A mail message will be displayed on the screen followed by "?"	
11	Hit <enter> until see the desired message	The message content is displayed	
12	Enter: **s fix_request**	The message is saved in fix_request	
13	Enter: **q** if necessary	'host name {user name}:' will be displayed.	
14	Enter: **cleartool setview <view name>**		
15	Enter: **cd /ecs/<vob name>**		
16	Enter: **ls**	List all the elements	
17	Enter: **head -10 <file name.c>**	Verify that now you are looking the version with 'Rel1' label	
18	Enter: **cleartool edcs**	The config-spec appears in vi.	
19	Enter: **element * /main/Rel1**	Set the config-spec to first look for files that have the 'Rel1' label attached to them	

20	Save and exit 'vi'	Set config-spec for view "<view name 1>" ? [yes]	
21	Enter**: <return>**	Sets the view according to the new config-spec	
22	Enter: **head -10 <file name.c>**	Verify that now you are looking the version with 'Rel1' label	
23	Enter**: CC <file name.c> -o <file name.out1>**	Create the executable code	
24	Enter: **ls -la <file name.*>**	A directory listing of the algorithm is displayed	Note: Since the algorithm is now under **CM**, there are no wirte permissions for this file
25	Enter: **tar cvf <file name.out1tar> <file name.out1>**	Generate a tar file for delivery	
26	Enter: **ftp <host name>**	Connect to the host	
27	Enter: <**login id at H2**>	"Password" will be displayed	
28	Enter: <**password**>	'host name {user name}:' will be displayed.	
29	Enter: **put <file name.out1tar>**	Transfer complete	
30	Enter: **quit**	Close the ftp connection	
31	Enter: **rlogin** <**host name** > to the H2 workstation at different DAAC	"Password" will be displayed	
32	Enter: <**password**> on the workstation	'host name {user name}:' will be displayed.	
33	Enter: **cd <directory>**	To the directory where you saved the file	

34	Enter: **tar xvf <file name.out1tar>**	Decompress the file	
35	Enter: **ls -l <file name.*>**	List all the elements	
36	Enter: **<file name.out1** >	Run the executable code on that platform	
37	Enter: **exit**	Back to H1	
38	Enter: **exit**	Out of the script	
39	Logoff		

3.13.3.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**Build/Install Previous Version of an Executable Codes Test Procedures (T03-01.04.02)**
Test Case ID:	**TC 13.3**
Test Location:	EDF DAAC:
S/W Config./ Version:	Sun OS 5.4

H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov, mss2sunedf.gsfc.nasa.gov**	
Test Data:		
Test Tools/ Scripts:	Clearcase	
Test Date:12 - 18-95	Test Time: 14:43:51	Tester(s): Ping-Chieh. Chang (pchang)
Witness(es): John Dennison (IV&V)		
Comments:		

NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass	Fail		Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.3

****

Date/Time: Mon Dec 18 14:43:51 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

pchang 9559 9536 61 14:00:14 console 0:01 mwm

pchang 9546 9536 23 14:00:11 console 0:00 xclock -digital -geometry -0+0

pchang 9536 9534 14 14:00:10 console 0:00 sh /home/pchang/.xinitrc

```
pchang  9554  9536 80 14:00:12 console  0:03 /usr/local/bin/Mosaic -iconic
pchang  9970  9969 50 14:43:52 pts/3    0:00 ps -aef
pchang  9969  9959  6 14:43:52 pts/3    0:00 grep pchang
pchang  9534  9443 11 14:00:08 console  0:00 xinit
pchang  9545  9536 80 14:00:11 ?        0:01 xterm -T /home/pchang -n /home/pchang -ls -rw -geometry 80x24+0-160
pchang  9544  9536 20 14:00:11 console  0:00 xconsole -exitOnFail -geometry +0+0
pchang  9558  9545 80 14:00:14 pts/3    0:01 -csh
pchang  9443     1 80 13:59:50 console  0:02 -csh
pchang  9535  9534 80 14:00:08 console  0:13 X :0
pchang  9959  9558 16 14:43:45 pts/3    0:00 /bin/sh env3
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog
ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include
ADD_LFLAGS=-L/Ir1_IT/CSS/lib
ADD_LIBS=-lEcUtLogC -lnsl
ARCH=sun5
AUTOSERV=A31
```

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DISPLAY=:0.0

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/usr/share/man:/opt/SUNWspro/man:/usr/local/man:/usr/openwin/man:/data/autotree1/autosys/doc:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NCD_LIBRARY_PATH=/usr/lib/X11/ncd

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin:/data/autotree1/autosys/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/home/pchang/PCF.v5.ssit.dps3sunedf

PRINTER=mss3hpedf

PWD=/home/pchang

REMOTEDISPLAY=dps3sunedf:0.0

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

WINDOWID=12582925

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DISPLAY=:0.0

DPATMGR_BIN=/data3/AI_T/bin/sun5
```

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

DSSSTAGEDIR=/Ir1_IT/DSS/temp_store

DSSSTARCHIVE=/Ir1_IT/DSS/archive

DSSSTRETRIEVE=/Ir1_IT/DSS/archive

ECS_CONFIG_FILE=/Ir1_IT/ecs.config

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/usr/share/man:/opt/SUNWspro/man:/usr/local/man:/usr/openwin/man:/data/autotree1/autosys/doc:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NCD_LIBRARY_PATH=/usr/lib/X11/ncd

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin:/data/autotree1/autosys/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/home/pchang/PCF.v5.ssit.dps3sunedf

PRINTER=mss3hpedf

PWD=/home/pchang

REMOTEDISPLAY=dps3sunedf:0.0

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

WINDOWID=12582925

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.3

Output Data:

Script started on Mon Dec 18 14:44:05 1995

Mercury environment set

dps3sunedf{pchang}1: mail

From pchang Mon Dec 18 14:47:22 1995

From: pchang (Ping-Chieh Chang)

Date: Mon, 18 Dec 1995 14:47:37 -0500

Message-Id: <9512181947.AA24735@mss2sunedf>

```
Please fix the problems and send us the fix version when it is ready

? s fix+ _request

dps3sunedf{pchang}2: cleartool setview pchang-v1.vws

Mercury environment set

dps3sunedf{pchang}1: cd /ex cs/pathfinder

/ecs/pathfinder

dps3sunedf{pchang}2: ls

a            c            lost+found    pathfinder.c  test.out

b            etop05.dat    pathfind.c    test.c        test.outar

dps3sunedf{pchang}3: cleartool edcs

[24;1H[?1h="/tmp/edcs.a002UQ" 2 lines, 44 characters [H[2Jelement * CHECKEDOUT[H

element * /main/LATEST

~

~

~[H[23B"/tmp/edcs.a002UQ" 2 lines, 44 characters[H[@e[@l[@e[@m[@e[@n[@t[@ [@*[@ [@/[@m[@a[@i[@n[@/[@R[@e[@l[@1[K[H

[1L[22B[K[H

element * CHECKEDOUT

            [21B:w"/tmp/edcs.a002UQ" 3 lines, 65 characters [H


            [1L[21B[K[H
```

```
[@B[1M[20B~[H

[21B:wqZZ[K[7mwqZZ: Not an editor command[m[H

[21B[K:wq"/tmp/edcs.a002UQ" 3 lines, 65 characters
[J[?1l>cleartool: Warning: Running editor "vi" resulted in exit status: 1.
Set config spec for view "pchang-v1.vws"?  [yes] y
dps3sunedf{pchang}4: vi    cleartool edcs
[24;1H[?1h="/tmp/edcs.a002Uc" 3 lines, 65 characters [H[2Jelement * /main/Rel1[H
element * CHECKEDOUT
element * /main/LATEST
~
~
~[H[23B"/tmp/edcs.a002Uc" 3 lines, 65 characters[H[23B[K:wq"/tmp/edcs.a002Uc" 3 lines, 65 characters
[J[?1l>Set config spec for view "pchang-v1.vws"?  [yes] y
dps3sunedf{pchang}5: hear d -10 test.c
/* Version 1 */
#include <iostream.h>
```

```
main()
{
    cout << "Hello.  ";
    cout << "This is version 1 of the test program";

}
dps3sunedf{pchang}6: CC test.c -o test.out1
dps3sunedf{pchang}7: cleartool lsco
dps3sunedf{pchang}8: cleartool lshistory test.c
18-Dec.14:19   pchang    create version [m[m[1m"test.c@@/main/2"[m[m[m (Rel2)
  "Checkin the modified version"
18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/1"[m[m[m (Rel1)
  "Initial algorithm creation(version 1)"
18-Dec.14:04   pchang    create version [m[m[1m"test.c@@/main/0"[m[m[m
18-Dec.14:04   pchang    create branch [m[m[1m"test.c@@/main"[m[m[m
18-Dec.14:04   pchang    create file element [m[m[1m"test.c@@"[m[m[m
  "Initial algorithm creation(version 1)"
dps3sunedf{pchang}9: tar cvf test.out1ar test.out1
a test.out1 9K
dps3sunedf{pchang}10: ls
```

```
a           etop05.dat    pathfinder.c  test.out1
b           lost+found    test.c        test.out1ar
c           pathfind.c    test.out      test.outar
dps3sunedf{pchang}11: ftp mss2sue nedf
Connected to mss2sunedf.gsfc.nasa.gov.
220 mss2sunedf FTP server (UNIX(r) System V Release 4.0) ready.
Name (mss2sunedf:pchang): pchang
331 Password required for pchang.
Password:
230 User pchang logged in.
ftp> put test.out1ar
200 PORT command successful.
150 ASCII data connection for test.out1ar (192.150.28.116,56838).
226 Transfer complete.
local: test.out1ar remote: test.out1ar
10254 bytes sent in 0.016 seconds (6.1e+02 Kbytes/s)
ftp> quit
221 Goodbye.
dps3sunedf{pchang}12: rlogin mss2sunedf
Last login: Mon Dec 18 14:45:19 from dps3sunedf.gsfc.
```

```
*****************************************************************
                    NOTICE
THIS SYSTEM IS FOR USE OF AUTHORIZED USERS ONLY.  ALL ACTIVITIES
ON THIS SYSTEM ARE MONITORED AND RECORDED BY SYSTEM PERSONNEL
ANYONE USING THIS SYSTEM EXPRESSLY CONSENTS TO SUCH MONITORING
AND IS ADVISED THAT IF SUCH MONITORING REVEALS POSSIBLE EVIDENCE
OF CRIMINAL ACTIVITY, SYSTEM PERSONNEL MAY PROVIDE THE EVIDENCE
OF SUCH MONITORING TO LAW ENFORCEMENT OFFICIALS.
*****************************************************************
Please do a kdestroy before you log off if you were using DCE .................
*******************************************************************************
Mercury environment set
No match
mss2sunedf{pchang}1: ls test*
test.ada     test.out     test.outar   testx
test.c       test.out1ar  test12
mss2sunedf{pchang}2: ll test*
-rw-r--r--   1 pchang   users       2455 Oct 23 08:25 test.ada
-rwxrwxrwx   1 pchang   users        129 Dec 18 14:01 test.c
-rwxrwxr-x   1 pchang   users       8252 Dec 18 14:19 test.out
```

```
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:57 test.out1ar
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:33 test.outar
-rw-------   1 pchang   users        677 Oct 27 11:23 test12
-rw-rw-r--   1 pchang   users        140 Oct 27 11:25 testx
mss2sunedf{pchang}3: tar xvf test.out1ar
x test.out1, 8252 bytes, 17 tape blocks
mss2sunedf{pchang}4: ls   l test*
-rw-r--r--   1 pchang   users       2455 Oct 23 08:25 test.ada
-rwxrwxrwx   1 pchang   users        129 Dec 18 14:01 test.c
-rwxrwxr-x   1 pchang   users       8252 Dec 18 14:19 test.out
-rwxrwxr-x   1 pchang   users       8252 Dec 18 14:55 test.out1
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:57 test.out1ar
-rw-rw-rw-   1 pchang   users      10240 Dec 18 14:33 test.outar
-rw-------   1 pchang   users        677 Oct 27 11:23 test12
-rw-rw-r--   1 pchang   users        140 Oct 27 11:25 testx
mss2sunedf{pchang}5: test.out1
Hello.  This is version 1 of the test programmss2sunedf{pchang}6: exit
mss2sunedf{pchang}7: logout
Connection closed.
dps3sunedf{pchang}13: exit
```

dps3sunedf{pchang}14: dps3sunedf{pchang}3: exit

dps3sunedf{pchang}4:

script done on Mon Dec 18 14:58:56 1995

3.13.3.4 Recommendations and Conclusions

Test ran successfully by modifing the CM config-spec file "edcs" to point to the desired version.

3.13.4 Ancillary Data Access - Digital Terrain Map Database (B03.10.01)

3.13.4.1 Test Summary

This test verified the capability to access and use a digital terrain map database. See test procedure for more detail.

3.13.4.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Enter: <**login id at EDF**> on the workstation at EDF (SUN or SGI)	'Password' will be displayed.	Assume that DAAC Toolkit and Test Drivers are installed in the AIT workstation
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: **script TC13.4_log** on the workstation at EDF.	All input/output to the workstation will be recorded in the log file.	

4	Enter: **source /lr1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh**		**Note: For SGI test, change the command to : source /lr1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh**
5	Enter: **setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers**		**Note: For SGI test, change the command to : setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers_old32_f77**
6	Enter: **setenv PGSTK_TST_BIN .**		
7	Enter: **setenv CSSLIB /lr1_IT/CSS/lib**		**Note: This lib is used to run "old 32 bit" mode in SGI. No test will run be for "new 32 bit" and "64 bit" mode on SGI.**
8	Enter: **cd $PGSTK_TST_SRC/AA**	The directory will change to where the Toolkit and testdriver are stored.	
9	Enter: **$PGSTK_TST_SRC/Common/cleanup.csh AA**	Clean up files which were produced by previous test	
10	Enter: **$PGSTK_TST_SRC/Common/createPCF.csh AA**	Set up test PCF to use /lr1_IT/daac_toolkit/TOOLKIT/AAdata	
11	Enter: **setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF**		
12	Enter: **ls -l PGS_AA_2Dgeo***	List of files are displayed	
13	Enter: **make PGS_AA_2Dgeo_Driver_c**	The driver will compile without errors	**Note: For SGI test, change the command to: make PGS-AA-2Dgeo_Driver_f**
14	Enter: **PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in**	The driver will run without errors and results of running the test driver will be saved in an output file - **PGS_AA_2Dgeo_Driver_c.out_<date>**	**For SGI test, change the command to: PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in**
15	Enter: **ls -l PGS_AA_2Dgeo***	List of files are displayed	

16	Enter: **diff PGS_AA_2Dgeo_Driver_c.out_sample PGS_AA_2Dgeo_Driver_c.out.***	Expect differences in machine name, output file name, Time, Date.	**Note: For SGI test, change the command to: diff PGS_AA_2Dgeo_Driver_f.out_sample PGS_AA_2Dgeo_Driver_f77.out** **Expect no difference since in the FORTRAN output file have no machine name or time stamp were logged.**
17	Enter: **exit**	Out of the script	
18	Logoff		
19	Repeat the step 1 - 18 for SGI machine		

3.13.4.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**Ancillary Data Access - Digital Terrain Map Database Test Procedures (B03.10.01)**
Test Case ID:	**TC 13.4**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit Test driver PGS_AA_2Dgeo_Driver_c.c , and makefile
H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov**

Test Data: Test data PGS_AA_2Dgeo_Driver.in and sample output file PGS_AA_2Dgeo_Driver_c.out_sample		
Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 10:56:37	Tester(s): Ping-Chieh. Chang (pchang)
Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), Shiheng Cheng (IV&V) and QA - Darryl Arrington		
Comments:		
NCRs Verified: N/A		
NCRs Un-Verified: N/A		

Pass		Fail	Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.4

****

Date/Time: Wed Dec 6 10:56:37 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

pchang 18095 18068 80 10:56:20 pts/18 0:01 /bin/csh

pchang 18123 18113 6 10:56:37 pts/18 0:00 grep pchang

pchang 18113 18095 14 10:56:28 pts/18 0:00 /bin/sh env3

pchang 18124 18123 52 10:56:37 pts/18 0:01 ps -aef

pchang 18068 18066 80 10:55:57 pts/18 0:01 -csh

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

```
ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T
```

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.4

Output Data:

```
Script started on Wed Dec 06 11:12:03 1995

Mercury environment set

dps3sunedf{pchang}1: source /Ir1_IT/daac_toolket  it/TOOLKIT/bin/sun5/pgs-dev-env.csh

dps3sunedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers

dps3sunedf{pchang}3: setenv PGSTK_TST_BIN .

dps3sunedf{pchang}4: setenv CSSLIB /Ir_1  1_IT/CSS/lib

dps3sunedf{pchang}5: cd $PGSTK_TST_SRC_AA   /AA

/Ir1_IT/daac_test_drivers/AA

dps3sunedf{pchang}6: $PGSTK_TST_SRC/Common/clearu  nup.sch AA       .csh AA


Removing test files in /Ir1_IT/daac_test_drivers/AA ...


No match

dps3sunedf{pchang}7: $PGSTK_TST_SRC/Common/Creat     createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/daac_toolkit/TOOLKIT/AAdata'


dps3sunedf{pchang}8: S setenv PGS_PC_INFO_FILE # $PGSTK_TST_SRC/AA/PCF

dps3sunedf{pchang}9: ls
```

AATestData

PCF

PGS_AA_2DRead_Driver.in

PGS_AA_2DRead_Driver_c.c

PGS_AA_2DRead_Driver_c.out_sample

PGS_AA_2DRead_Driver_f.f

PGS_AA_2DRead_Driver_f.out_sample

PGS_AA_2Dgeo_Driver.in

PGS_AA_2Dgeo_Driver_c.c

PGS_AA_2Dgeo_Driver_c.out_sample

PGS_AA_2Dgeo_Driver_f.f

PGS_AA_2Dgeo_Driver_f.out_sample

PGS_AA_3DRead_Driver.in

PGS_AA_3DRead_Driver_c.c

PGS_AA_3DRead_Driver_c.out_sample

PGS_AA_3DRead_Driver_f.f

PGS_AA_3DRead_Driver_f.out_sample

PGS_AA_3Dgeo_Driver.in

PGS_AA_3Dgeo_Driver_c.c

PGS_AA_3Dgeo_Driver_c.out_sample

PGS_AA_3Dgeo_Driver_f.f

PGS_AA_3Dgeo_Driver_f.out_sample

PGS_AA_PeVA_integer_Driver.in

PGS_AA_PeVA_integer_Driver_c.c

PGS_AA_PeVA_integer_Driver_c.out_sample

PGS_AA_PeVA_integer_Driver_f.f

PGS_AA_PeVA_integer_Driver_f.out_sample

PGS_AA_PeVA_real_Driver.in

PGS_AA_PeVA_real_Driver_c.c

PGS_AA_PeVA_real_Driver_c.out_sample

PGS_AA_PeVA_real_Driver_f.f

PGS_AA_PeVA_real_Driver_f.out_sample

PGS_AA_PeVA_string_Driver.in

PGS_AA_PeVA_string_Driver_c.c

PGS_AA_PeVA_string_Driver_c.out_sample

PGS_AA_PeVA_string_Driver_f.f

PGS_AA_PeVA_string_Driver_f.out_sample

PGS_AA_PeV_integer_Driver.in

PGS_AA_PeV_integer_Driver_c.c

PGS_AA_PeV_integer_Driver_c.out_sample

PGS_AA_PeV_integer_Driver_f.f

PGS_AA_PeV_integer_Driver_f.out_sample

PGS_AA_PeV_real_Driver.in

PGS_AA_PeV_real_Driver_c.c

PGS_AA_PeV_real_Driver_c.out_sample

PGS_AA_PeV_real_Driver_f.f

PGS_AA_PeV_real_Driver_f.out_sample

PGS_AA_PeV_string_Driver.in

PGS_AA_PeV_string_Driver_c.c

PGS_AA_PeV_string_Driver_c.out_sample

PGS_AA_PeV_string_Driver_f.f

PGS_AA_PeV_string_Driver_f.out_sample

PGS_AA_dcw_Driver.in

PGS_AA_dcw_Driver_c.c

PGS_AA_dcw_Driver_c.out_sample

PGS_AA_dcw_Driver_f.f

PGS_AA_dcw_Driver_f.out_sample

PGS_AA_dem_double_Driver.in

PGS_AA_dem_double_Driver_c.c

PGS_AA_dem_double_Driver_c.out_sample

PGS_AA_dem_double_Driver_f.f

PGS_AA_dem_double_Driver_f.out_sample

PGS_AA_dem_integer_Driver.in

PGS_AA_dem_integer_Driver_c.c

PGS_AA_dem_integer_Driver_c.out_sample

PGS_AA_dem_integer_Driver_f.f

PGS_AA_dem_integer_Driver_f.out_sample

PGS_AA_dem_long_Driver.in

PGS_AA_dem_long_Driver_c.c

PGS_AA_dem_long_Driver_c.out_sample

PGS_AA_dem_long_Driver_f.f

PGS_AA_dem_long_Driver_f.out_sample

PGS_AA_dem_real_Driver.in

PGS_AA_dem_real_Driver_c.c

PGS_AA_dem_real_Driver_c.out_sample

PGS_AA_dem_real_Driver_f.f

PGS_AA_dem_real_Driver_f.out_sample

README.AA

makefile

makefile.f90

```
dps3sunedf{pchang}10: ls -l PGS_AA_2

PGS_AA_2: No such file or directory

dps3sunedf{pchang}11: ls -l PGS_AA_2Dgeo*

-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in

-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c

-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample

-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f

-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample

dps3sunedf{pchang}12: make PGS_AA_2Dgeo_Driver_c

USING LIBRARY IN /data3/daac_toolkit/TOOLKIT/lib/sun5 TO COMPILE

\rm -f ./PGS_AA_2Dgeo_Driver_c

\rm -f PGS_AA_2Dgeo_Driver_c.o

dps3sunedf{pchang}13: PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver_in

PGS_AA_2Dgeo_Driver_in: No such file or directory

dps3sunedf{pchang}14: PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in

[H[2J

    ****************************

    Testing AA_2Dgeo Tool

    ****************************

Input Test Case :
```

```
Input Test Name :  Start Date/Time:     Wed Dec  6 11:20:02 1995

Test Case:      PGS_AA_2Dgeo_Driver.in

Enter the number of parameters:

Enter the parameters requested:

 Enter the number of points

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude
```

```
Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name:      DEV_TEST

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

 The latitude: 51.500000

 The longitude: 0.166667

 The latitude: 51.236660

 The longitude: 0.383200

 The latitude: 50.973333

 The longitude: 0.599900

 The latitude: 50.709999

 The longitude: 0.816500

 The latitude: 50.446666
```

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 20

Results: 64

Results: 1

Results: -29

Results: -30

Results: -18

Results: 124

Results: 203

Results: 178

Results: 62

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

```
Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name:      No_Param

--Toolkit Input Parameters--

 The latitude: 51.500000

 The longitude: 0.166667

 The latitude: 51.236660

 The longitude: 0.383200
```

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

```
--Toolkit Return Values--

  Toolkit return value: 85510

  ERROR: PGSAA_E_INVALIDNOPARMS: no of parms incorrect

 ** Continue?  (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter the fileid

Enter the version

Enter the operation

Test Name:      No_Points

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

 The fileid: 10955

 The version: 1

 The operation: 1

--Toolkit Return Values--

  Toolkit return value: 0

  PGS_S_SUCCESS: SUCCESSFUL operation
```

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

```
Enter the longitude

Enter  latitude

Enter the longitude

Enter  latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name:      WrongFileID

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

 The latitude: 51.500000

 The longitude: 0.166667

 The latitude: 51.236660

 The longitude: 0.383200

 The latitude: 50.973333

 The longitude: 0.599900

 The latitude: 50.709999

 The longitude: 0.816500

 The latitude: 50.446666
```

```
The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 1000

The version: 1

The operation: 1


--Toolkit Return Values--

  Toolkit return value: 85512

  ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

 ** Continue?  (yY/nN):

Input Test Name :
```

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

```
Enter the longitude

Enter  latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name:      ZeroOperation

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

 The latitude: 51.500000

 The longitude: 0.166667

 The latitude: 51.236660

 The longitude: 0.383200

 The latitude: 50.973333

 The longitude: 0.599900

 The latitude: 50.709999

 The longitude: 0.816500

 The latitude: 50.446666

 The longitude: 1.033256

 The latitude: 50.183300
```

```
The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 0


--Toolkit Return Values--

  Toolkit return value: 85538

  ERROR: PGSAA_E_GEOERROR: error in GEO extraction

 ** Continue?  (yY/nN):

Input Test Name :

Enter the number of parameters:
```

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: ZeroVersion

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 0

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85512

ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: IncorectParam

--Toolkit Input Parameters--

The parameters are: HAIS

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85505

ERROR: PGSAA_E_SUPPORTFILE: support or format files inaccessible

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

```
Enter the fileid

Enter the version

Enter the operation

Test Name:      BadLatLong

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM
 The latitude: 190.000000
 The longitude: 2000.000000
 The latitude: 51.236660
 The longitude: 0.383200
 The latitude: 50.973333
 The longitude: 0.599900
 The latitude: 50.709999
 The longitude: 0.816500
 The latitude: 50.446666
```

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85538

ERROR: PGSAA_E_GEOERROR: error in GEO extraction

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: Test interpolation operation (4) - get four points and then go between them.

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 60.541667

The longitude: 0.041667

The latitude: 60.541667

The longitude: 0.125000

The latitude: 60.625000

The longitude: 0.041667

The latitude: 60.625000

The longitude: 0.125000

The latitude: 60.583333

The longitude: 0.041667

The latitude: 60.541667

The longitude: 0.083333

The latitude: 60.583333

The longitude: 0.125000

The latitude: 60.625000

The longitude: 0.083333

The latitude: 60.583333

The longitude: 0.083333

The fileid: 10955

The version: 1

The operation: 4

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: -114

Results: -119

Results: -114

Results: -120

Results: -114

Results: -116

Results: -119

Results: -117

Results: -117

** Continue? (yY/nN):

End Date/Time: Wed Dec 6 11:29:49 1995

```
dps3sunedf{pchang}15: ld s -l PGS_AA_2Dgeo*
-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    393332 Dec  6 11:19 PGS_AA_2Dgeo_Driver_c
-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
```

```
-rw-rw-r--   1 pchang   Ir1_IT      7424 Dec  6 11:29 PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps3sunedf{pchang}16: diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
1d0
< Machine Name - dps3sunedf
2a2
>                    Test Case: PGS_AA_2Dgeo_Driver.in
4d3
< *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 -----*****
7d5
< Start Date/Time:      Wed Dec  6 11:20:02 1995
10d7
< Test Case:    PGS_AA_2Dgeo_Driver.in
12a10
>                    Test Name: DEV_TEST
13a12
>                    ---Toolkit Input Parameters---
14a14
```

```
>                    Parameter: etop05SeaLevelElevM

15a16

>                    Latitude  (   1) =     51.5000000

17c18

< Test Name:  DEV_TEST

---

>                    Longitude (   1) =      0.1666666

18a20

>                    Latitude  (   2) =     51.2366600

20c22

< --Toolkit Input Parameters--

---

>                    Longitude (   2) =      0.3832000

22,45c24

<  The parameters are etop05SeaLevelElevM

< The latitude is:  51.500000

< The longitude is:  0.166667

< The latitude is:  51.236660

< The longitude is:  0.383200

< The latitude is:  50.973333
```

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

< The fileid is: 10955

< The version is: 1

< The operation is: 1

> Latitude (3) = 50.9733330

```
46a26
>                Longitude (   3) =      0.5999000
48c28
< --Toolkit Return Values--
---
>                Latitude  (   4) =     50.7099990
50c30
<   Toolkit return value:       0
---
>                Longitude (   4) =      0.8165000
52c32
<   PGS_S_SUCCESS: SUCCESSFUL operation
---
>                Latitude  (   5) =     50.4466660
53a34
>                Longitude (   5) =      1.0332560
55c36
<  Results: 20
---
>                Latitude  (   6) =     50.1833000
```

57c38

< Results: 64

> Longitude (6) = 1.2490000

59c40

< Results: 1

> Latitude (7) = 49.9199990

61c42

< Results: -29

> Longitude (7) = 1.4600000

63c44

< Results: -30

> Latitude (8) = 49.6566660

65c46

< Results: -18

> Longitude (8) = 1.6832000

```
67c48
<  Results: 124
---
>                Latitude  (   9) =     49.3933000
69c50
<  Results: 203
---
>                Longitude (   9) =      1.8999000
71c52
<  Results: 178
---
>                Latitude  (  10) =     48.8666660
73c54
<  Results: 62
---
>                Longitude (  10) =      2.3333333
74a56
>                FileId: 10955
75a58
>                Version:    1
```

```
76a60
>                Operation:    1
77a62
>                ---Toolkit Return Values---
79c64
< Test Name:  No_Param
---
>                Toolkit Return Values:         0
80a66
>                Mnemonic: PGS_S_SUCCESS
82c68
< --Toolkit Input Parameters--
---
>                PGS_SMF_Message: SUCCESSFUL operation
84,106c70
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
```

```
< The longitude is:  0.599900

< The latitude is:  50.709999

< The longitude is:  0.816500

< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                    Results (   1) =        20
```

```
107a72
>                Results (   2) =        64
109c74
< --Toolkit Return Values--
---
>                Results (   3) =         1
111c76
<   Toolkit return value:      85510
---
>                Results (   4) =       -29
113c78
<   ERROR: PGSAA_E_INVALIDNOPARMS: no of parms incorrect
---
>                Results (   5) =       -30
114a80
>                Results (   6) =       -18
115a82
>                Results (   7) =       124
116a84
>                Results (   8) =       203
```

```
117a86
>                    Results (   9) =        178
118a88
>                    Results (  10) =         62
120d89
< Test Name:  No_Points
123d91
< --Toolkit Input Parameters--
125,128d92
<  The parameters are etop05SeaLevelElevM
< The fileid is:  10955
< The version is:  1
< The operation is:  1
131c95
< --Toolkit Return Values--
---
>                    Test Name: No_Param
133c97
<   Toolkit return value:       0
---
```

```
>                   ---Toolkit Input Parameters---
135c99
<   PGS_S_SUCCESS: SUCCESSFUL operation
---
>                   Latitude  (   1) =     51.5000000
136a101
>                   Longitude (   1) =      0.1666666
137a103
>                   Latitude  (   2) =     51.2366600
138a105
>                   Longitude (   2) =      0.3832000
139a107
>                   Latitude  (   3) =     50.9733330
140a109
>                   Longitude (   3) =      0.5999000
142c111
< Test Name:  WrongFileID
---
>                   Latitude  (   4) =     50.7099990
143a113
```

```
>                    Longitude (   4) =      0.8165000
145c115
< --Toolkit Input Parameters--
---
>                    Latitude  (   5) =     50.4466660
147,170c117
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
< The latitude is:  50.183300
< The longitude is:  1.249000
< The latitude is:  49.919999
```

```
< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  1000

< The version is:  1

< The operation is:  1

---

>                Longitude (   5) =      1.0332560

171a119

>                Latitude  (   6) =     50.1833000

173c121

< --Toolkit Return Values--

---

>                Longitude (   6) =      1.2490000

175c123

<   Toolkit return value:      85512
```

```
---
>                Latitude  (   7) =     49.9199990
177c125
<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible
---
>                Longitude (   7) =      1.4600000
178a127
>                Latitude  (   8) =     49.6566660
179a129
>                Longitude (   8) =      1.6832000
180a131
>                Latitude  (   9) =     49.3933000
181a133
>                Longitude (   9) =      1.8999000
182a135
>                Latitude  (  10) =     48.8666660
184c137
< Test Name:  ZeroOperation
---
>                Longitude (  10) =      2.3333333
```

```
185a139
>                FileId: 10955
187c141
< --Toolkit Input Parameters--
---
>                Version:    1
189,212c143
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
< The latitude is:  50.183300
< The longitude is:  1.249000
```

```
< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  0

---

>                Operation:    1

213a145

>                ---Toolkit Return Values---

215c147

< --Toolkit Return Values--

---

>                Toolkit Return Values:      85510

217c149
```

```
<   Toolkit return value:       85538
---
>                   *******ERROR: PGSAA_E_INVALIDNOPARMS
219c151
<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction
---
>                   *******PGS_SMF_ERROR_MSG: no of parms incorrect
226c158
< Test Name:  ZeroVersion
---
>                   Test Name: No_Points
227a160
>                   ---Toolkit Input Parameters---
229c162
< --Toolkit Input Parameters--
---
>                   Parameter: etop05SeaLevelElevM
231,254c164
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
```

< The longitude is: 0.166667

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

< The fileid is: 10955

```
< The version is:  0

< The operation is:  1

---

>                FileId: 10955

255a166

>                Version:    1

257c168

< --Toolkit Return Values--

---

>                Operation:    1

259c170

<   Toolkit return value:       85512

---

>                ---Toolkit Return Values---

261c172

<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

---

>                Toolkit Return Values:         0

262a174

>                Mnemonic: PGS_S_SUCCESS
```

```
263a176
>                PGS_SMF_Message: SUCCESSFUL operation
268d180
< Test Name:  IncorectParam
271c183
< --Toolkit Input Parameters--
---
>                Test Name: WrongFileID
273,296c185
<  The parameters are HAIS
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
```

```
< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                    ---Toolkit Input Parameters---

297a187

>                    Parameter: etop05SeaLevelElevM

299c189

< --Toolkit Return Values--

---
```

```
>                Latitude  (   1) =     51.5000000

301c191

<   Toolkit return value:       85505

---

>                Longitude (   1) =      0.1666666

303c193

<   ERROR: PGSAA_E_SUPPORTFILE: support or format files inaccessible

---

>                Latitude  (   2) =     51.2366600

304a195

>                Longitude (   2) =      0.3832000

305a197

>                Latitude  (   3) =     50.9733330

306a199

>                Longitude (   3) =      0.5999000

307a201

>                Latitude  (   4) =     50.7099990

308a203

>                Longitude (   4) =      0.8165000

310c205
```

```
< Test Name:  BadLatLong
---
>                Latitude  (   5) =     50.4466660
311a207
>                Longitude (   5) =      1.0332560
313c209
< --Toolkit Input Parameters--
---
>                Latitude  (   6) =     50.1833000
315,338c211
<  The parameters are etop05SeaLevelElevM
< The latitude is:  190.000000
< The longitude is:  2000.000000
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
```

```
< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Longitude (   6) =      1.2490000

339a213

>                Latitude  (   7) =     49.9199990

341c215

< --Toolkit Return Values--
```

```
---
>                Longitude (   7) =      1.4600000
343c217
<   Toolkit return value:       85538
---
>                Latitude  (   8) =     49.6566660
345c219
<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction
---
>                Longitude (   8) =      1.6832000
346a221
>                Latitude  (   9) =     49.3933000
347a223
>                Longitude (   9) =      1.8999000
348a225
>                Latitude  (  10) =     48.8666660
349a227
>                Longitude (  10) =      2.3333333
350a229
>                FileId:  1000
```

```
352c231
< Test Name:  Test interpolation operation (4) - get four points and then go between them.
---
>                Version:    1
353a233
>                Operation:    1
355c235
< --Toolkit Input Parameters--
---
>                ---Toolkit Return Values---
357,378c237
<  The parameters are etop05SeaLevelElevM
< The latitude is:  60.541667
< The longitude is:  0.041667
< The latitude is:  60.541667
< The longitude is:  0.125000
< The latitude is:  60.625000
< The longitude is:  0.041667
< The latitude is:  60.625000
< The longitude is:  0.125000
```

```
< The latitude is:  60.583333

< The longitude is:  0.041667

< The latitude is:  60.541667

< The longitude is:  0.083333

< The latitude is:  60.583333

< The longitude is:  0.125000

< The latitude is:  60.625000

< The longitude is:  0.083333

< The latitude is:  60.583333

< The longitude is:  0.083333

< The fileid is:  10955

< The version is:  1

< The operation is:  4

---

>                Toolkit Return Values:      85512

379a239

>                *******ERROR: PGSAA_E_CANTFINDFILE

381c241

< --Toolkit Return Values--

---
```

```
>                    *******PGS_SMF_ERROR_MSG: format or input data file inaccessible
383d242
<   Toolkit return value:       0
385d243
<   PGS_S_SUCCESS: SUCCESSFUL operation
388d245
<  Results: -114
390d246
<  Results: -119
392c248
<  Results: -114
---
>                    Test Name: ZeroOperation
394c250
<  Results: -120
---
>                    ---Toolkit Input Parameters---
396c252
<  Results: -114
---
```

```
>                   Parameter: etop05SeaLevelElevM

398c254

<  Results: -116

---

>                   Latitude  (   1) =     51.5000000

400c256

<  Results: -119

---

>                   Longitude (   1) =      0.1666666

402c258

<  Results: -117

---

>                   Latitude  (   2) =     51.2366600

404c260

<  Results: -117

---

>                   Longitude (   2) =      0.3832000

405a262

>                   Latitude  (   3) =     50.9733330

407c264
```

< End Date/Time: Wed Dec 6 11:29:49 1995

> Longitude (3) = 0.5999000

408a266,580

> Latitude (4) = 50.7099990

>

> Longitude (4) = 0.8165000

>

> Latitude (5) = 50.4466660

>

> Longitude (5) = 1.0332560

>

> Latitude (6) = 50.1833000

>

> Longitude (6) = 1.2490000

>

> Latitude (7) = 49.9199990

>

> Longitude (7) = 1.4600000

>

```
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    0
>
>          ---Toolkit Return Values---
>
```

```
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: ZeroVersion
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
```

```
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
```

```
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    0
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
```

```
>          Toolkit Return Values:      85512
>
>          *******ERROR: PGSAA_E_CANTFINDFILE
>
>          *******PGS_SMF_ERROR_MSG: format or input data file inaccessible
>
>          Test Name: IncorectParam
>
>          ---Toolkit Input Parameters---
>
>          Parameter: HAIS
>
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
```

```
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
```

```
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
```

```
>          Toolkit Return Values:      85505
>
>          *******ERROR: PGSAA_E_SUPPORTFILE
>
>          *******PGS_SMF_ERROR_MSG: support or format files inaccessible
>
>          Test Name: BadLatLong
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =    190.0000000
>
>          Longitude (   1) =   2000.0000000
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
```

```
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
```

```
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
```

```
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: Test interpolation operation (4) - get four points and then go between them.
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =     60.5416667
>
>          Longitude (   1) =      0.0416667
>
>          Latitude  (   2) =     60.5416667
>
>          Longitude (   2) =      0.1250000
>
```

```
>          Latitude  (   3) =     60.6250000
>
>          Longitude (   3) =      0.0416667
>
>          Latitude  (   4) =     60.6250000
>
>          Longitude (   4) =      0.1250000
>
>          Latitude  (   5) =     60.5833333
>
>          Longitude (   5) =      0.0416667
>
>          Latitude  (   6) =     60.5416667
>
>          Longitude (   6) =      0.0833333
>
>          Latitude  (   7) =     60.5833333
>
>          Longitude (   7) =      0.1250000
>
```

```
>          Latitude  (   8) =     60.6250000
>
>          Longitude (   8) =      0.0833333
>
>          Latitude  (   9) =     60.5833333
>
>          Longitude (   9) =      0.0833333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    4
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:         0
>
>          Mnemonic: PGS_S_SUCCESS
>
```

```
>                PGS_SMF_Message: SUCCESSFUL operation
>
>                Results (   1) =      -114
>
>                Results (   2) =      -119
>
>                Results (   3) =      -114
>
>                Results (   4) =      -120
>
>                Results (   5) =      -114
>
>                Results (   6) =      -116
>
>                Results (   7) =      -119
>
>                Results (   8) =      -117
>
>                Results (   9) =      -117
dps3sunedf{pchang}17: history
```

```
  1  source /Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh
  2  setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers
  3  setenv PGSTK_TST_BIN .
  4  setenv CSSLIB /Ir1_IT/CSS/lib
  5  cd $PGSTK_TST_SRC/AA
  6  $PGSTK_TST_SRC/Common/cleanup.csh AA
  7  $PGSTK_TST_SRC/Common/createPCF.csh AA
  8  setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
  9  ls
 10  ls -l PGS_AA_2
 11  ls -l PGS_AA_2Dgeo*
 12  make PGS_AA_2Dgeo_Driver_c
 13  PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver_in
 14  PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in
 15  ls -l PGS_AA_2Dgeo*
 16  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
 17  history
dps3sunedf{pchang}18: diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
1d0
< Machine Name - dps3sunedf
```

```
2a2
>                   Test Case: PGS_AA_2Dgeo_Driver.in
4d3
< *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 -----*****
7d5
< Start Date/Time:      Wed Dec  6 11:20:02 1995
10d7
< Test Case:    PGS_AA_2Dgeo_Driver.in
12a10
>                   Test Name: DEV_TEST
13a12
>                   ---Toolkit Input Parameters---
14a14
>                   Parameter: etop05SeaLevelElevM
15a16
>                   Latitude  (   1) =     51.5000000
17c18
< Test Name:  DEV_TEST
---
>                   Longitude (   1) =      0.1666666
```

```
18a20
>                    Latitude  (   2) =     51.2366600
20c22
< --Toolkit Input Parameters--
---
>                    Longitude (   2) =      0.3832000
22,45c24
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
< The latitude is:  50.183300
< The longitude is:  1.249000
```

```
< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Latitude  (   3) =     50.9733330

46a26

>                Longitude (   3) =      0.5999000

48c28

< --Toolkit Return Values--

---

>                Latitude  (   4) =     50.7099990

50c30
```

```
<   Toolkit return value:       0
---
>                   Longitude (   4) =      0.8165000
52c32
<   PGS_S_SUCCESS: SUCCESSFUL operation
---
>                   Latitude  (   5) =     50.4466660
53a34
>                   Longitude (   5) =      1.0332560
55c36
<  Results: 20
---
>                   Latitude  (   6) =     50.1833000
57c38
<  Results: 64
---
>                   Longitude (   6) =      1.2490000
59c40
<  Results: 1
---
```

```
>                Latitude  (   7) =     49.9199990

61c42

<  Results: -29

---

>                Longitude (   7) =      1.4600000

63c44

<  Results: -30

---

>                Latitude  (   8) =     49.6566660

65c46

<  Results: -18

---

>                Longitude (   8) =      1.6832000

67c48

<  Results: 124

---

>                Latitude  (   9) =     49.3933000

69c50

<  Results: 203

---
```

```
>                   Longitude (   9) =      1.8999000

71c52

<  Results: 178

---

>                   Latitude  (  10) =     48.8666660

73c54

<  Results: 62

---

>                   Longitude (  10) =      2.3333333

74a56

>                   FileId: 10955

75a58

>                   Version:    1

76a60

>                   Operation:    1

77a62

>                   ---Toolkit Return Values---

79c64

< Test Name:  No_Param

---
```

```
>                    Toolkit Return Values:          0

80a66

>                    Mnemonic: PGS_S_SUCCESS

82c68

< --Toolkit Input Parameters--

---

>                    PGS_SMF_Message: SUCCESSFUL operation

84,106c70

< The latitude is:  51.500000

< The longitude is:  0.166667

< The latitude is:  51.236660

< The longitude is:  0.383200

< The latitude is:  50.973333

< The longitude is:  0.599900

< The latitude is:  50.709999

< The longitude is:  0.816500

< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000
```

```
< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Results (   1) =        20

107a72

>                Results (   2) =        64

109c74

< --Toolkit Return Values--

---

>                Results (   3) =         1

111c76
```

```
<   Toolkit return value:       85510
---
>                   Results (   4) =       -29
113c78
<   ERROR: PGSAA_E_INVALIDNOPARMS: no of parms incorrect
---
>                   Results (   5) =       -30
114a80
>                   Results (   6) =       -18
115a82
>                   Results (   7) =       124
116a84
>                   Results (   8) =       203
117a86
>                   Results (   9) =       178
118a88
>                   Results (  10) =        62
120d89
< Test Name:  No_Points
123d91
```

```
< --Toolkit Input Parameters--
125,128d92
<  The parameters are etop05SeaLevelElevM
< The fileid is:  10955
< The version is:  1
< The operation is:  1
131c95
< --Toolkit Return Values--
---
>                    Test Name: No_Param
133c97
<   Toolkit return value:       0
---
>                    ---Toolkit Input Parameters---
135c99
<   PGS_S_SUCCESS: SUCCESSFUL operation
---
>                    Latitude  (   1) =     51.5000000
136a101
>                    Longitude (   1) =      0.1666666
```

```
137a103
>                Latitude  (   2) =     51.2366600
138a105
>                Longitude (   2) =      0.3832000
139a107
>                Latitude  (   3) =     50.9733330
140a109
>                Longitude (   3) =      0.5999000
142c111
< Test Name:  WrongFileID
---
>                Latitude  (   4) =     50.7099990
143a113
>                Longitude (   4) =      0.8165000
145c115
< --Toolkit Input Parameters--
---
>                Latitude  (   5) =     50.4466660
147,170c117
<  The parameters are etop05SeaLevelElevM
```

< The latitude is: 51.500000

< The longitude is: 0.166667

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

```
< The fileid is:  1000

< The version is:  1

< The operation is:  1

---

>                Longitude (   5) =      1.0332560

171a119

>                Latitude  (   6) =     50.1833000

173c121

< --Toolkit Return Values--

---

>                Longitude (   6) =      1.2490000

175c123

<   Toolkit return value:       85512

---

>                Latitude  (   7) =     49.9199990

177c125

<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

---

>                Longitude (   7) =      1.4600000

178a127
```

```
>                Latitude  (   8) =     49.6566660
179a129
>                Longitude (   8) =      1.6832000
180a131
>                Latitude  (   9) =     49.3933000
181a133
>                Longitude (   9) =      1.8999000
182a135
>                Latitude  (  10) =     48.8666660
184c137
< Test Name:  ZeroOperation
---
>                Longitude (  10) =      2.3333333
185a139
>                FileId: 10955
187c141
< --Toolkit Input Parameters--
---
>                Version:    1
189,212c143
```

< The parameters are etop05SeaLevelElevM

< The latitude is: 51.500000

< The longitude is: 0.166667

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

```
< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  0

---

>                Operation:    1

213a145

>                ---Toolkit Return Values---

215c147

< --Toolkit Return Values--

---

>                Toolkit Return Values:      85510

217c149

<   Toolkit return value:       85538

---

>                *******ERROR: PGSAA_E_INVALIDNOPARMS

219c151

<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction

---

>                *******PGS_SMF_ERROR_MSG: no of parms incorrect
```

```
226c158
< Test Name:  ZeroVersion
---
>                Test Name: No_Points
227a160
>                ---Toolkit Input Parameters---
229c162
< --Toolkit Input Parameters--
---
>                Parameter: etop05SeaLevelElevM
231,254c164
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
```

```
< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  0

< The operation is:  1

---

>                FileId: 10955

255a166

>                Version:    1

257c168
```

```
< --Toolkit Return Values--
---
>                Operation:    1
259c170
<   Toolkit return value:       85512
---
>                ---Toolkit Return Values---
261c172
<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible
---
>                Toolkit Return Values:         0
262a174
>                Mnemonic: PGS_S_SUCCESS
263a176
>                PGS_SMF_Message: SUCCESSFUL operation
268d180
< Test Name:  IncorectParam
271c183
< --Toolkit Input Parameters--
---
```

```
>                    Test Name: WrongFileID

273,296c185

<  The parameters are HAIS

< The latitude is:  51.500000

< The longitude is:  0.166667

< The latitude is:  51.236660

< The longitude is:  0.383200

< The latitude is:  50.973333

< The longitude is:  0.599900

< The latitude is:  50.709999

< The longitude is:  0.816500

< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300
```

```
< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                   ---Toolkit Input Parameters---

297a187

>                   Parameter: etop05SeaLevelElevM

299c189

< --Toolkit Return Values--

---

>                   Latitude  (   1) =     51.5000000

301c191

<   Toolkit return value:       85505

---

>                   Longitude (   1) =      0.1666666

303c193

<   ERROR: PGSAA_E_SUPPORTFILE: support or format files inaccessible
```

```
---
>                Latitude  (   2) =     51.2366600
304a195
>                Longitude (   2) =      0.3832000
305a197
>                Latitude  (   3) =     50.9733330
306a199
>                Longitude (   3) =      0.5999000
307a201
>                Latitude  (   4) =     50.7099990
308a203
>                Longitude (   4) =      0.8165000
310c205
< Test Name:  BadLatLong
---
>                Latitude  (   5) =     50.4466660
311a207
>                Longitude (   5) =      1.0332560
313c209
< --Toolkit Input Parameters--
```

> Latitude (6) = 50.1833000

315,338c211

< The parameters are etop05SeaLevelElevM

< The latitude is: 190.000000

< The longitude is: 2000.000000

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

```
< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Longitude (   6) =      1.2490000

339a213

>                Latitude  (   7) =     49.9199990

341c215

< --Toolkit Return Values--

---

>                Longitude (   7) =      1.4600000

343c217

<   Toolkit return value:       85538

---

>                Latitude  (   8) =     49.6566660

345c219
```

```
<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction
---
>                Longitude (   8) =      1.6832000
346a221
>                Latitude  (   9) =     49.3933000
347a223
>                Longitude (   9) =      1.8999000
348a225
>                Latitude  (  10) =     48.8666660
349a227
>                Longitude (  10) =      2.3333333
350a229
>                FileId:  1000
352c231
< Test Name:  Test interpolation operation (4) - get four points and then go between them.
---
>                Version:    1
353a233
>                Operation:    1
355c235
```

```
< --Toolkit Input Parameters--
---
>                    ---Toolkit Return Values---
357,378c237
<  The parameters are etop05SeaLevelElevM
< The latitude is:  60.541667
< The longitude is:  0.041667
< The latitude is:  60.541667
< The longitude is:  0.125000
< The latitude is:  60.625000
< The longitude is:  0.041667
< The latitude is:  60.625000
< The longitude is:  0.125000
< The latitude is:  60.583333
< The longitude is:  0.041667
< The latitude is:  60.541667
< The longitude is:  0.083333
< The latitude is:  60.583333
< The longitude is:  0.125000
< The latitude is:  60.625000
```

```
< The longitude is:  0.083333

< The latitude is:  60.583333

< The longitude is:  0.083333

< The fileid is:  10955

< The version is:  1

< The operation is:  4

---

>                 Toolkit Return Values:      85512

379a239

>                 *******ERROR: PGSAA_E_CANTFINDFILE

381c241

< --Toolkit Return Values--

---

>                 *******PGS_SMF_ERROR_MSG: format or input data file inaccessible

383d242

<   Toolkit return value:       0

385d243

<   PGS_S_SUCCESS: SUCCESSFUL operation

388d245

<  Results: -114
```

```
390d246
<  Results: -119
392c248
<  Results: -114
---
>                 Test Name: ZeroOperation
394c250
<  Results: -120
---
>                 ---Toolkit Input Parameters---
396c252
<  Results: -114
---
>                 Parameter: etop05SeaLevelElevM
398c254
<  Results: -116
---
>                 Latitude  (   1) =     51.5000000
400c256
<  Results: -119
```

> Longitude (1) = 0.1666666

402c258

< Results: -117

> Latitude (2) = 51.2366600

404c260

< Results: -117

> Longitude (2) = 0.3832000

405a262

> Latitude (3) = 50.9733330

407c264

< End Date/Time: Wed Dec 6 11:29:49 1995

> Longitude (3) = 0.5999000

408a266,580

> Latitude (4) = 50.7099990

>

> Longitude (4) = 0.8165000

```
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
```

```
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    0
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: ZeroVersion
```

```
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
```

```
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
```

```
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    0
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85512
>
>          *******ERROR: PGSAA_E_CANTFINDFILE
>
>          *******PGS_SMF_ERROR_MSG: format or input data file inaccessible
>
>          Test Name: IncorectParam
```

```
>
>          ---Toolkit Input Parameters---
>
>          Parameter: HAIS
>
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
```

```
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
```

```
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85505
>
>          *******ERROR: PGSAA_E_SUPPORTFILE
>
>          *******PGS_SMF_ERROR_MSG: support or format files inaccessible
>
>          Test Name: BadLatLong
```

```
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =    190.0000000
>
>          Longitude (   1) =   2000.0000000
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
```

```
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
```

```
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: Test interpolation operation (4) - get four points and then go between them.
```

```
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
>          Latitude  (   1) =     60.5416667
>
>          Longitude (   1) =      0.0416667
>
>          Latitude  (   2) =     60.5416667
>
>          Longitude (   2) =      0.1250000
>
>          Latitude  (   3) =     60.6250000
>
>          Longitude (   3) =      0.0416667
>
>          Latitude  (   4) =     60.6250000
>
>          Longitude (   4) =      0.1250000
```

```
>
>          Latitude  (   5) =     60.5833333
>
>          Longitude (   5) =      0.0416667
>
>          Latitude  (   6) =     60.5416667
>
>          Longitude (   6) =      0.0833333
>
>          Latitude  (   7) =     60.5833333
>
>          Longitude (   7) =      0.1250000
>
>          Latitude  (   8) =     60.6250000
>
>          Longitude (   8) =      0.0833333
>
>          Latitude  (   9) =     60.5833333
>
>          Longitude (   9) =      0.0833333
```

```
>
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    4
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:         0
>
>          Mnemonic: PGS_S_SUCCESS
>
>          PGS_SMF_Message: SUCCESSFUL operation
>
>          Results (   1) =       -114
>
>          Results (   2) =       -119
>
>          Results (   3) =       -114
```

```
>
>                Results (   4) =      -120
>
>                Results (   5) =      -114
>
>                Results (   6) =      -116
>
>                Results (   7) =      -119
>
>                Results (   8) =      -117
>
>                Results (   9) =      -117
dps3sunedf{pchang}19: diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
1d0
< Machine Name - dps3sunedf
2a2
>                Test Case: PGS_AA_2Dgeo_Driver.in
4d3
< *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 -----*****
7d5
```

```
< Start Date/Time:      Wed Dec  6 11:20:02 1995

10d7

< Test Case:    PGS_AA_2Dgeo_Driver.in

12a10

>                   Test Name: DEV_TEST

13a12

>                   ---Toolkit Input Parameters---

14a14

>                   Parameter: etop05SeaLevelElevM

15a16

>                   Latitude  (   1) =     51.5000000

17c18

< Test Name:  DEV_TEST

---

>                   Longitude (   1) =      0.1666666

18a20

>                   Latitude  (   2) =     51.2366600

20c22

< --Toolkit Input Parameters--

---
```

```
>                    Longitude (   2) =      0.3832000

22,45c24

<  The parameters are etop05SeaLevelElevM

< The latitude is:  51.500000

< The longitude is:  0.166667

< The latitude is:  51.236660

< The longitude is:  0.383200

< The latitude is:  50.973333

< The longitude is:  0.599900

< The latitude is:  50.709999

< The longitude is:  0.816500

< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300
```

```
< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Latitude  (   3) =     50.9733330

46a26

>                Longitude (   3) =      0.5999000

48c28

< --Toolkit Return Values--

---

>                Latitude  (   4) =     50.7099990

50c30

<   Toolkit return value:       0

---

>                Longitude (   4) =      0.8165000

52c32

<   PGS_S_SUCCESS: SUCCESSFUL operation
```

> Latitude (5) = 50.4466660

53a34

> Longitude (5) = 1.0332560

55c36

< Results: 20

> Latitude (6) = 50.1833000

57c38

< Results: 64

> Longitude (6) = 1.2490000

59c40

< Results: 1

> Latitude (7) = 49.9199990

61c42

< Results: -29

> Longitude (7) = 1.4600000

```
63c44
<  Results: -30
---
>                Latitude  (   8) =     49.6566660
65c46
<  Results: -18
---
>                Longitude (   8) =      1.6832000
67c48
<  Results: 124
---
>                Latitude  (   9) =     49.3933000
69c50
<  Results: 203
---
>                Longitude (   9) =      1.8999000
71c52
<  Results: 178
---
>                Latitude  (  10) =     48.8666660
```

```
73c54
<  Results: 62
---
>                Longitude (  10) =      2.3333333
74a56
>                FileId: 10955
75a58
>                Version:    1
76a60
>                Operation:    1
77a62
>                ---Toolkit Return Values---
79c64
< Test Name:  No_Param
---
>                Toolkit Return Values:         0
80a66
>                Mnemonic: PGS_S_SUCCESS
82c68
< --Toolkit Input Parameters--
```

```
---
>                    PGS_SMF_Message: SUCCESSFUL operation
84,106c70
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
< The latitude is:  50.183300
< The longitude is:  1.249000
< The latitude is:  49.919999
< The longitude is:  1.460000
< The latitude is:  49.656666
< The longitude is:  1.683200
< The latitude is:  49.393300
```

```
< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  1

< The operation is:  1

---

>                Results (   1) =        20

107a72

>                Results (   2) =        64

109c74

< --Toolkit Return Values--

---

>                Results (   3) =         1

111c76

<   Toolkit return value:       85510

---

>                Results (   4) =       -29

113c78

<   ERROR: PGSAA_E_INVALIDNOPARMS: no of parms incorrect
```

```
---
>                Results (   5) =       -30
114a80
>                Results (   6) =       -18
115a82
>                Results (   7) =       124
116a84
>                Results (   8) =       203
117a86
>                Results (   9) =       178
118a88
>                Results (  10) =        62
120d89
< Test Name:  No_Points
123d91
< --Toolkit Input Parameters--
125,128d92
<  The parameters are etop05SeaLevelElevM
< The fileid is:  10955
< The version is:  1
```

```
< The operation is:  1

131c95

< --Toolkit Return Values--

---

>                 Test Name: No_Param

133c97

<   Toolkit return value:       0

---

>                 ---Toolkit Input Parameters---

135c99

<   PGS_S_SUCCESS: SUCCESSFUL operation

---

>                 Latitude  (   1) =     51.5000000

136a101

>                 Longitude (   1) =      0.1666666

137a103

>                 Latitude  (   2) =     51.2366600

138a105

>                 Longitude (   2) =      0.3832000

139a107
```

```
>                Latitude  (   3) =     50.9733330
140a109
>                Longitude (   3) =      0.5999000
142c111
< Test Name:  WrongFileID
---
>                Latitude  (   4) =     50.7099990
143a113
>                Longitude (   4) =      0.8165000
145c115
< --Toolkit Input Parameters--
---
>                Latitude  (   5) =     50.4466660
147,170c117
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
```

```
< The longitude is:  0.599900

< The latitude is:  50.709999

< The longitude is:  0.816500

< The latitude is:  50.446666

< The longitude is:  1.033256

< The latitude is:  50.183300

< The longitude is:  1.249000

< The latitude is:  49.919999

< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  1000

< The version is:  1

< The operation is:  1

---

>                    Longitude (   5) =      1.0332560
```

```
171a119
>                Latitude  (   6) =     50.1833000
173c121
< --Toolkit Return Values--
---
>                Longitude (   6) =      1.2490000
175c123
<   Toolkit return value:       85512
---
>                Latitude  (   7) =     49.9199990
177c125
<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible
---
>                Longitude (   7) =      1.4600000
178a127
>                Latitude  (   8) =     49.6566660
179a129
>                Longitude (   8) =      1.6832000
180a131
>                Latitude  (   9) =     49.3933000
```

```
181a133
>                Longitude (   9) =      1.8999000
182a135
>                Latitude  (  10) =     48.8666660
184c137
< Test Name:  ZeroOperation
---
>                Longitude (  10) =      2.3333333
185a139
>                FileId: 10955
187c141
< --Toolkit Input Parameters--
---
>                Version:    1
189,212c143
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
```

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

< The fileid is: 10955

< The version is: 1

< The operation is: 0

```
>                   Operation:    1

213a145

>                   ---Toolkit Return Values---

215c147

< --Toolkit Return Values--

---

>                   Toolkit Return Values:      85510

217c149

<   Toolkit return value:       85538

---

>                   *******ERROR: PGSAA_E_INVALIDNOPARMS

219c151

<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction

---

>                   *******PGS_SMF_ERROR_MSG: no of parms incorrect

226c158

< Test Name:  ZeroVersion

---

>                   Test Name: No_Points

227a160
```

```
>                    ---Toolkit Input Parameters---
229c162
< --Toolkit Input Parameters--
---
>                    Parameter: etop05SeaLevelElevM
231,254c164
<  The parameters are etop05SeaLevelElevM
< The latitude is:  51.500000
< The longitude is:  0.166667
< The latitude is:  51.236660
< The longitude is:  0.383200
< The latitude is:  50.973333
< The longitude is:  0.599900
< The latitude is:  50.709999
< The longitude is:  0.816500
< The latitude is:  50.446666
< The longitude is:  1.033256
< The latitude is:  50.183300
< The longitude is:  1.249000
< The latitude is:  49.919999
```

```
< The longitude is:  1.460000

< The latitude is:  49.656666

< The longitude is:  1.683200

< The latitude is:  49.393300

< The longitude is:  1.899900

< The latitude is:  48.866666

< The longitude is:  2.333333

< The fileid is:  10955

< The version is:  0

< The operation is:  1

---

>                    FileId: 10955

255a166

>                    Version:    1

257c168

< --Toolkit Return Values--

---

>                    Operation:    1

259c170

<   Toolkit return value:       85512
```

```
---
>                   ---Toolkit Return Values---
261c172
<   ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible
---
>                   Toolkit Return Values:          0
262a174
>                   Mnemonic: PGS_S_SUCCESS
263a176
>                   PGS_SMF_Message: SUCCESSFUL operation
268d180
< Test Name:  IncorectParam
271c183
< --Toolkit Input Parameters--
---
>                   Test Name: WrongFileID
273,296c185
<  The parameters are HAIS
< The latitude is:  51.500000
< The longitude is:  0.166667
```

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

< The fileid is: 10955

< The version is: 1

```
< The operation is:  1
---
>                   ---Toolkit Input Parameters---
297a187
>                   Parameter: etop05SeaLevelElevM
299c189
< --Toolkit Return Values--
---
>                   Latitude  (   1) =     51.5000000
301c191
<   Toolkit return value:       85505
---
>                   Longitude (   1) =      0.1666666
303c193
<   ERROR: PGSAA_E_SUPPORTFILE: support or format files inaccessible
---
>                   Latitude  (   2) =     51.2366600
304a195
>                   Longitude (   2) =      0.3832000
305a197
```

```
>                Latitude  (   3) =     50.9733330

306a199

>                Longitude (   3) =      0.5999000

307a201

>                Latitude  (   4) =     50.7099990

308a203

>                Longitude (   4) =      0.8165000

310c205

< Test Name:  BadLatLong

---

>                Latitude  (   5) =     50.4466660

311a207

>                Longitude (   5) =      1.0332560

313c209

< --Toolkit Input Parameters--

---

>                Latitude  (   6) =     50.1833000

315,338c211

<  The parameters are etop05SeaLevelElevM

< The latitude is:  190.000000
```

< The longitude is: 2000.000000

< The latitude is: 51.236660

< The longitude is: 0.383200

< The latitude is: 50.973333

< The longitude is: 0.599900

< The latitude is: 50.709999

< The longitude is: 0.816500

< The latitude is: 50.446666

< The longitude is: 1.033256

< The latitude is: 50.183300

< The longitude is: 1.249000

< The latitude is: 49.919999

< The longitude is: 1.460000

< The latitude is: 49.656666

< The longitude is: 1.683200

< The latitude is: 49.393300

< The longitude is: 1.899900

< The latitude is: 48.866666

< The longitude is: 2.333333

< The fileid is: 10955

```
< The version is:  1

< The operation is:  1

---

>                Longitude (   6) =      1.2490000

339a213

>                Latitude  (   7) =     49.9199990

341c215

< --Toolkit Return Values--

---

>                Longitude (   7) =      1.4600000

343c217

<   Toolkit return value:       85538

---

>                Latitude  (   8) =     49.6566660

345c219

<   ERROR: PGSAA_E_GEOERROR: error in GEO extraction

---

>                Longitude (   8) =      1.6832000

346a221

>                Latitude  (   9) =     49.3933000
```

```
347a223
>                Longitude (   9) =      1.8999000
348a225
>                Latitude  (  10) =     48.8666660
349a227
>                Longitude (  10) =      2.3333333
350a229
>                FileId:  1000
352c231
< Test Name:  Test interpolation operation (4) - get four points and then go between them.
---
>                Version:    1
353a233
>                Operation:    1
355c235
< --Toolkit Input Parameters--
---
>                ---Toolkit Return Values---
357,378c237
<  The parameters are etop05SeaLevelElevM
```

< The latitude is: 60.541667

< The longitude is: 0.041667

< The latitude is: 60.541667

< The longitude is: 0.125000

< The latitude is: 60.625000

< The longitude is: 0.041667

< The latitude is: 60.625000

< The longitude is: 0.125000

< The latitude is: 60.583333

< The longitude is: 0.041667

< The latitude is: 60.541667

< The longitude is: 0.083333

< The latitude is: 60.583333

< The longitude is: 0.125000

< The latitude is: 60.625000

< The longitude is: 0.083333

< The latitude is: 60.583333

< The longitude is: 0.083333

< The fileid is: 10955

< The version is: 1

```
< The operation is:  4
---
>                Toolkit Return Values:      85512
379a239
>                *******ERROR: PGSAA_E_CANTFINDFILE
381c241
< --Toolkit Return Values--
---
>                *******PGS_SMF_ERROR_MSG: format or input data file inaccessible
383d242
<   Toolkit return value:       0
385d243
<   PGS_S_SUCCESS: SUCCESSFUL operation
388d245
<  Results: -114
390d246
<  Results: -119
392c248
<  Results: -114
---
```

```
>                    Test Name: ZeroOperation
394c250
<  Results: -120
---
>                    ---Toolkit Input Parameters---
396c252
<  Results: -114
---
>                    Parameter: etop05SeaLevelElevM
398c254
<  Results: -116
---
>                    Latitude  (   1) =     51.5000000
400c256
<  Results: -119
---
>                    Longitude (   1) =      0.1666666
402c258
<  Results: -117
---
```

```
>                Latitude  (   2) =     51.2366600

404c260

<  Results: -117

---

>                Longitude (   2) =      0.3832000

405a262

>                Latitude  (   3) =     50.9733330

407c264

< End Date/Time:       Wed Dec  6 11:29:49 1995

---

>                Longitude (   3) =      0.5999000

408a266,580

>                Latitude  (   4) =     50.7099990

>

>                Longitude (   4) =      0.8165000

>

>                Latitude  (   5) =     50.4466660

>

>                Longitude (   5) =      1.0332560

>
```

```
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
```

```
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    0
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: ZeroVersion
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
```

```
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
```

```
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
```

```
>          FileId: 10955
>
>          Version:    0
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85512
>
>          *******ERROR: PGSAA_E_CANTFINDFILE
>
>          *******PGS_SMF_ERROR_MSG: format or input data file inaccessible
>
>          Test Name: IncorectParam
>
>          ---Toolkit Input Parameters---
>
>          Parameter: HAIS
>
```

```
>          Latitude  (   1) =     51.5000000
>
>          Longitude (   1) =      0.1666666
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
```

```
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
```

```
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85505
>
>          *******ERROR: PGSAA_E_SUPPORTFILE
>
>          *******PGS_SMF_ERROR_MSG: support or format files inaccessible
>
>          Test Name: BadLatLong
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
```

```
>          Latitude  (   1) =    190.0000000
>
>          Longitude (   1) =   2000.0000000
>
>          Latitude  (   2) =     51.2366600
>
>          Longitude (   2) =      0.3832000
>
>          Latitude  (   3) =     50.9733330
>
>          Longitude (   3) =      0.5999000
>
>          Latitude  (   4) =     50.7099990
>
>          Longitude (   4) =      0.8165000
>
>          Latitude  (   5) =     50.4466660
>
>          Longitude (   5) =      1.0332560
>
```

```
>          Latitude  (   6) =     50.1833000
>
>          Longitude (   6) =      1.2490000
>
>          Latitude  (   7) =     49.9199990
>
>          Longitude (   7) =      1.4600000
>
>          Latitude  (   8) =     49.6566660
>
>          Longitude (   8) =      1.6832000
>
>          Latitude  (   9) =     49.3933000
>
>          Longitude (   9) =      1.8999000
>
>          Latitude  (  10) =     48.8666660
>
>          Longitude (  10) =      2.3333333
>
```

```
>          FileId: 10955
>
>          Version:    1
>
>          Operation:    1
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:      85538
>
>          *******ERROR: PGSAA_E_GEOERROR
>
>          *******PGS_SMF_ERROR_MSG: error in GEO extraction
>
>          Test Name: Test interpolation operation (4) - get four points and then go between them.
>
>          ---Toolkit Input Parameters---
>
>          Parameter: etop05SeaLevelElevM
>
```

```
>          Latitude  (   1) =     60.5416667
>
>          Longitude (   1) =      0.0416667
>
>          Latitude  (   2) =     60.5416667
>
>          Longitude (   2) =      0.1250000
>
>          Latitude  (   3) =     60.6250000
>
>          Longitude (   3) =      0.0416667
>
>          Latitude  (   4) =     60.6250000
>
>          Longitude (   4) =      0.1250000
>
>          Latitude  (   5) =     60.5833333
>
>          Longitude (   5) =      0.0416667
>
```

```
>          Latitude  (   6) =     60.5416667
>
>          Longitude (   6) =      0.0833333
>
>          Latitude  (   7) =     60.5833333
>
>          Longitude (   7) =      0.1250000
>
>          Latitude  (   8) =     60.6250000
>
>          Longitude (   8) =      0.0833333
>
>          Latitude  (   9) =     60.5833333
>
>          Longitude (   9) =      0.0833333
>
>          FileId: 10955
>
>          Version:    1
>
```

```
>          Operation:    4
>
>          ---Toolkit Return Values---
>
>          Toolkit Return Values:         0
>
>          Mnemonic: PGS_S_SUCCESS
>
>          PGS_SMF_Message: SUCCESSFUL operation
>
>          Results (   1) =      -114
>
>          Results (   2) =      -119
>
>          Results (   3) =      -114
>
>          Results (   4) =      -120
>
>          Results (   5) =      -114
>
```

```
>                Results (   6) =      -116

>

>                Results (   7) =      -119

>

>                Results (   8) =      -117

>

>                Results (   9) =      -117

dps3sunedf{pchang}20: ls -l PGS_AA_2Dgeo*

-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in

-rwxrwxr-x   1 pchang   Ir1_IT    393332 Dec  6 11:19 PGS_AA_2Dgeo_Driver_c

-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c

-rw-rw-r--   1 pchang   Ir1_IT      7424 Dec  6 11:29 PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995

-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample

-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f

-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample

dps3sunedf{pchang}21: diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995

diff: two filename arguments required

dps3sunedf{pchang}22: diff  PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample |page

[H[2J1d0

< Machine Name - dps3sunedf
```

```
2a2
>                   Test Case: PGS_AA_2Dgeo_Driver.in
4d3
< *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 -----*****
7d5
< Start Date/Time:      Wed Dec  6 11:20:02 1995
10d7
< Test Case:    PGS_AA_2Dgeo_Driver.in
12a10
>                   Test Name: DEV_TEST
13a12
>                   ---Toolkit Input Parameters---
14a14
>                   Parameter: etop05SeaLevelElevM
15a16
>                   Latitude  (   1) =     51.5000000
17c18
< Test Name:  DEV_TEST
[7m--More--[m---[K
[7m--More--[m>                  Longitude (   1) =      0.1666666
```

```
[7m--More--[m18a20[K

[7m--More--[m>                    Latitude  (   2) =     51.2366600

[7m--More--[m20c22[K

[7m--More--[m< --Toolkit Input Parameters--

[7m--More--[m---[K

[7m--More--[m>                    Longitude (   2) =      0.3832000

[7m--More--[m22,45c24

[7m--More--[m<  The parameters are etop05SeaLevelElevM

[7m--More--[m< The latitude is:  51.500000

[7m--More--[m< The longitude is:  0.166667

[7m--More--[m< The latitude is:  51.236660

[7m--More--[m< The longitude is:  0.383200

[7m--More--[m< The latitude is:  50.973333

[7m--More--[m< The longitude is:  0.599900

[7m--More--[m< The latitude is:  50.709999

[7m--More--[m< The longitude is:  0.816500

[7m--More--[m< The latitude is:  50.446666

[7m--More--[m< The longitude is:  1.033256

[7m--More--[m< The latitude is:  50.183300

[7m--More--[m< The longitude is:  1.249000
```

```
[7m--More--[m< The latitude is:  49.919999

[7m--More--[m< The longitude is:  1.460000

[7m--More--[m< The latitude is:  49.656666

[7m--More--[m< The longitude is:  1.683200

[7m--More--[m< The latitude is:  49.393300

[7m--More--[m< The longitude is:  1.899900

[7m--More--[m< The latitude is:  48.866666

[7m--More--[m< The longitude is:  2.333333

[7m--More--[m< The fileid is:  10955

[7m--More--[m< The version is:  1

[7m--More--[m< The operation is:  1

[7m--More--[m---[K

[7m--More--[m>                  Latitude  (   3) =     50.9733330

[7m--More--[m46a26[K

[7m--More--[m>                  Longitude (   3) =      0.5999000

[7m--More--[m48c28[K

[7m--More--[m< --Toolkit Return Values--

[7m--More--[m---[K

[7m--More--[m>                  Latitude  (   4) =     50.7099990

[7m--More--[m50c30[K
```

```
[7m--More--[m<   Toolkit return value:       0

[7m--More--[m---[K

[7m--More--[m>                  Longitude (   4) =      0.8165000

[7m--More--[m52c32[K

[7m--More--[m<   PGS_S_SUCCESS: SUCCESSFUL operation

[7m--More--[m---[K

[7m--More--[m>                  Latitude  (   5) =     50.4466660

[7m--More--[m53a34[K

[7m--More--[m>                  Longitude (   5) =      1.0332560

[7m--More--[m55c36[K

[7m--More--[m<  Results: 20

[7m--More--[m---[K

[7m--More--[m>                  Latitude  (   6) =     50.1833000

[7m--More--[m57c38[K

[7m--More--[m<  Results: 64

[7m--More--[m---[K

[7m--More--[m>                  Longitude (   6) =      1.2490000

[7m--More--[m59c40[K

[7m--More--[m<  Results: 1

[7m--More--[m---[K
```

[7m--More--[m> Latitude (7) = 49.9199990

[7m--More--[m61c42[K

[7m--More--[m< Results: -29

[7m--More--[m---[K

[7m--More--[m> Longitude (7) = 1.4600000

[7m--More--[m63c44[K

[7m--More--[m< Results: -30

[7m--More--[m---[K

[7m--More--[m> Latitude (8) = 49.6566660

[7m--More--[m65c46[K

[7m--More--[m< Results: -18

[7m--More--[m---[K

[7m--More--[m> Longitude (8) = 1.6832000

[7m--More--[m67c48[K

[7m--More--[m< Results: 124

[7m--More--[m---[K

[7m--More--[m> Latitude (9) = 49.3933000

[7m--More--[m69c50[K

[7m--More--[m< Results: 203

[7m--More--[m---[K

```
[7m--More--[m>                  Longitude (   9) =      1.8999000
[7m--More--[m71c52[K
[7m--More--[m<  Results: 178
[7m--More--[m---[K
[7m--More--[m>                  Latitude  (  10) =     48.8666660
[7m--More--[m73c54[K
[7m--More--[m<  Results: 62
[7m--More--[m---[K
[7m--More--[m>                  Longitude (  10) =      2.3333333
[7m--More--[m74a56[K
[7m--More--[m>                  FileId: 10955
[7m--More--[m75a58[K
[7m--More--[m>                  Version:    1
[7m--More--[m76a60[K
[7m--More--[m>                  Operation:    1
[7m--More--[m77a62[K
[7m--More--[m>                  ---Toolkit Return Values---
[7m--More--[m79c64[K
[7m--More--[m< Test Name:  No_Param
[7m--More--[m---[K
```

[7m--More--[m> Toolkit Return Values: 0

[7m--More--[m80a66[K

[7m--More--[m> Mnemonic: PGS_S_SUCCESS

[7m--More--[m82c68[K

[7m--More--[m< --Toolkit Input Parameters--

[7m--More--[m---[K

[7m--More--[m> PGS_SMF_Message: SUCCESSFUL operation [7m--More--[m

[7m--More--[m84,106c70

[7m--More--[m< The latitude is: 51.500000

[7m--More--[m< The longitude is: 0.166667

[7m--More--[m< The latitude is: 51.236660

[7m--More--[m< The longitude is: 0.383200

[7m--More--[m< The latitude is: 50.973333

[7m--More--[m< The longitude is: 0.599900

[7m--More--[m< The latitude is: 50.709999

[7m--More--[m< The longitude is: 0.816500

[7m--More--[m< The latitude is: 50.446666

[7m--More--[m< The longitude is: 1.033256

[7m--More--[m< The latitude is: 50.183300

[7m--More--[m< The longitude is: 1.249000

```
[7m--More--[m< The latitude is:  49.919999

[7m--More--[m< The longitude is:  1.460000

[7m--More--[m< The latitude is:  49.656666

[7m--More--[m< The longitude is:  1.683200

[7m--More--[m< The latitude is:  49.393300

[7m--More--[m< The longitude is:  1.899900

[7m--More--[m< The latitude is:  48.866666

[7m--More--[m< The longitude is:  2.333333

[7m--More--[m< The fileid is:  10955

[7m--More--[m< The version is:  1

[7m--More--[m< The operation is:  1

[7m--More--[m---[K

[7m--More--[m>                    Results (   1) =         20

[7m--More--[m[Kdps3sunedf{pchang}23:

dps3sunedf{pchang}23: ls -l PGS_AA_2Dgeo*

-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in

-rwxrwxr-x   1 pchang   Ir1_IT    393332 Dec  6 11:19 PGS_AA_2Dgeo_Driver_c

-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c

-rw-rw-r--   1 pchang   Ir1_IT      7424 Dec  6 11:29 PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995

-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
```

```
-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps3sunedf{pchang}24: diff PGS_AA_2Dgeo_Driver_c.out._sample PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
diff: PGS_AA_2Dgeo_Driver_c.out._sample: No such file or directory
dps3sunedf{pchang}25:  diff PGS_AA_2Dgeo_Driver_c.out_sample PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
1c1
< Machine Name - deuce
---
> Machine Name - dps3sunedf
4c4
< *****----- PGS_AA_2Dgeo_Driver_c.out.Jul_20_18:10:52_1995 -----*****
---
> *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 -----*****
7c7
< Start Date/Time:      Thu Jul 20 18:10:52 1995
---
> Start Date/Time:      Wed Dec  6 11:20:02 1995
407c407
< End Date/Time:        Thu Jul 20 18:21:00 1995
---
```

```
> End Date/Time:       Wed Dec  6 11:29:49 1995

dps3sunedf{pchang}26: history

    1  source /Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh

    2  setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers

    3  setenv PGSTK_TST_BIN .

    4  setenv CSSLIB /Ir1_IT/CSS/lib

    5  cd $PGSTK_TST_SRC/AA

    6  $PGSTK_TST_SRC/Common/cleanup.csh AA

    7  $PGSTK_TST_SRC/Common/createPCF.csh AA

    8  setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF

    9  ls

   10  ls -l PGS_AA_2

   11  ls -l PGS_AA_2Dgeo*

   12  make PGS_AA_2Dgeo_Driver_c

   13  PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver_in

   14  PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in

   15  ls -l PGS_AA_2Dgeo*

   16  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample

   17  history

   18  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
```

```
   19  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample
   20  ls -l PGS_AA_2Dgeo*
   21  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
   22  diff PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995 PGS_AA_2Dgeo_Driver_f.out_sample | page
   23  ls -l PGS_AA_2Dgeo*
   24  diff PGS_AA_2Dgeo_Driver_c.out._sample PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
   25  diff PGS_AA_2Dgeo_Driver_c.out_sample PGS_AA_2Dgeo_Driver_c.out.Dec__6_11:20:02_1995
   26  history
dps3sunedf{pchang}27: exit

script done on Wed Dec 06 11:38:10 1995
```

Output Data:

```
 TEST CASE IDENTIFICATION:  TC13.4_sgi
 ************************

 Date/Time: Mon Dec 11 11:36:54 EST 1995
 *********
```

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

IRIX64 dps1sgiedf 6.1 07121823 IP21 mips

LIST OF ACTIVE PROCESSES:

****

```
pchang 13618 13617  5 11:36:54 pts/1    0:00 ps -edf
pchang 13617 13605  1 11:36:54 pts/1    0:00 /bin/sh env3
pchang 13605 13378  5 11:35:29 pts/1    0:00 /bin/sh env3
pchang 13364 13363  0 11:23:36 pts/1    0:00 -csh
pchang 13378 13364  0 11:24:32 pts/1    0:00 /bin/csh
pchang 13137 13136  0 11:11:26 pts/6    0:00 -csh
pchang 13612 13137  0 11:36:38 pts/6    0:00 more TC13.5_sgilog
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

```
SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings


 SHELL VARIABLES AND THEIR VALUES:

 ********************************


AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store
```

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

IFS=

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=IRIX64

selection=1

testid=TC13.4_sgi

Output Data:

Script started on Mon Dec 11 11:37:12 1995

dps1sgiedf{pchang}1: source /Ir1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh

dps1sgiedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers_old32_f77

dps1sgiedf{pchang}3: setenv PGSTK_TST_BIN .

dps1sgiedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps1sgiedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers_old32_f77/AA

dps1sgiedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA

```
Removing test files in /Ir1_IT/daac_test_drivers_old32_f77/AA ...

dps1sgiedf{pchang}7:  $PGSTK_TST_SRC/Common/createPCF.csh AA

Setting up test PCF to use '/Ir1_IT/AAdata'

dps1sgiedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
dps1sgiedf{pchang}9: ls -l PGS_AA_2Dgeo*
-r--r--r--    1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--    1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-r--r--r--    1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--    1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--    1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps1sgiedf{pchang}10: make  PGS_AA_2Dgeo_Driver_f
Copying FORTRAN include files to local directory...
PGS_AA_10.f
PGS_SMF.f
USING LIBRARY IN /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi TO COMPILE
      \rm -f ./PGS_AA_2Dgeo_Driver_f
PGS_AA_2Dgeo_Driver_f.f:
```

```
/Ir1_IT/daac_test_drivers_old32_f77/Common/Create_filename_f77.f:

ld: WARNING 85: definition of set_var in /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAvar.o) preempts that definition in /usr/lib/libftn.so.

ld: WARNING 34: error defined in /usr/lib/libftn.so has different type than error defined in /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAformlist.o)

ld: WARNING 85: definition of error in /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAformlist.o) preempts that definition in /usr/lib/libftn.so.

	\rm -f PGS_AA_2Dgeo_Driver_f.o

	\rm -f Create_filename_f77.o

	\rm -f PGS_AA_10.f   PGS_SMF.f

dps1sgiedf{pchang}11: PGS_AA_2Dgeo_Driver_f PGS_AA_2Dgeo_Driver.in


++++++++++++++++++++++++++++++++++++++++++++++

    Testing PGS_AA_2Dgeo Tool

++++++++++++++++++++++++++++++++++++++++++++++


x


Enter test name:

Interrupt

dps1sgiedf{pchang}12:  PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in


++++++++++++++++++++++++++++++++++++++++++++++
```

```
   Testing PGS_AA_2Dgeo Tool
++++++++++++++++++++++++++++++++++++++++++++++

Enter test case name:

Enter test name:

            Test Case: PGS_AA_2Dgeo_Driver.in



Enter the number of parameters requested

            Number of parameters -->
Enter the parameter requested

            Parameter (1) -->
Enter the number of points

            Number of points -->
Enter the latitude and longitude
```

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

```
Enter the FileId

        FileId -->

Enter the version

        Version -->

Enter the operation

        Operation -->

        Test Name: DEV_TEST

        ---Toolkit Input Parameters---

        Parameter: etop05SeaLevelElevM

        Latitude  (   1) =     51.5000000
```

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = 20

Results (2) = 64

Results (3) = 1

Results (4) = -29

```
Results (   5) =       -30

Results (   6) =       -18

Results (   7) =       124

Results (   8) =       203

Results (   9) =       178

Results (  10) =        62

***Continue?  (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->
```

Enter the parameter requested

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: No_Param

---Toolkit Input Parameters---

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85510

*******ERROR: PGSAA_E_INVALIDNOPARMS

*******PGS_SMF_ERROR_MSG: no of parms incorrect

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: No_Points

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: WrongFileID

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 1000

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85512

*******ERROR: PGSAA_E_CANTFINDFILE

*******PGS_SMF_ERROR_MSG: format or input data file inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: ZeroOperation

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 0

---Toolkit Return Values---

Toolkit Return Values: 85538

*******ERROR: PGSAA_E_GEOERROR

*******PGS_SMF_ERROR_MSG: error in GEO extraction

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: ZeroVersion

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 0

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85512

*******ERROR: PGSAA_E_CANTFINDFILE

*******PGS_SMF_ERROR_MSG: format or input data file inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: IncorectParam

---Toolkit Input Parameters---

Parameter: HAIS

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85505

*******ERROR: PGSAA_E_SUPPORTFILE

*******PGS_SMF_ERROR_MSG: support or format files inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: BadLatLong

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 190.0000000

Longitude (1) = 2000.0000000

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

```
Latitude  (  10) =     48.8666660

Longitude (  10) =      2.3333333

FileId: 10955

Version:    1

Operation:    1

---Toolkit Return Values---

Toolkit Return Values:      85538

*******ERROR: PGSAA_E_GEOERROR

*******PGS_SMF_ERROR_MSG: error in GEO extraction

***Continue?  (yY/nN):
```

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: Test interpolation operation (4) - get four points and then go between them.

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 60.5416667

Longitude (1) = 0.0416667

Latitude (2) = 60.5416667

Longitude (2) = 0.1250000

Latitude (3) = 60.6250000

Longitude (3) = 0.0416667

Latitude (4) = 60.6250000

Longitude (4) = 0.1250000

Latitude (5) = 60.5833333

Longitude (5) = 0.0416667

Latitude (6) = 60.5416667

Longitude (6) = 0.0833333

Latitude (7) = 60.5833333

Longitude (7) = 0.1250000

Latitude (8) = 60.6250000

Longitude (8) = 0.0833333

Latitude (9) = 60.5833333

Longitude (9) = 0.0833333

FileId: 10955

Version: 1

Operation: 4

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = -114

Results (2) = -119

```
Results (   3) =       -114

Results (   4) =       -120

Results (   5) =       -114

Results (   6) =       -116

Results (   7) =       -119

Results (   8) =       -117

Results (   9) =       -117

***Continue?  (yY/nN):

dps1sgiedf{pchang}13: ls -l PGS_AA_2Dgeo*

-r--r--r--    1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in

-r--r--r--    1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c

-r--r--r--    1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
```

```
-rwxr-xr-x    1 pchang   Ir1_IT    492272 Dec 11 11:39 PGS_AA_2Dgeo_Driver_f
-r--r--r--    1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--    1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
-rw-rw-r--    1 pchang   Ir1_IT     16094 Dec 11 11:44 PGS_AA_2Dgeo_Driver_f77.out
dps1sgiedf{pchang}14: diff PGS_AA_2Dgeo_Driver_f.out_sample  PGS_AA_2Dgeo_Driver_f77.out
dps1sgiedf{pchang}15: exit
script done on Mon Dec 11 11:45:16 1995
```

3.13.4.4 Recommendations and Conclusions

Test ran successfully on both the SUN and SGI machines at the EDF site. Site tests should only be run on the science processor - SGI. Algorithms written in C and FORTRAN were covered.

3.13.5 Ancillary Data Access - Land/Sea Database (B03.10.02)

3.13.5.1 Test Summary

This test verified the capability to access and use the land/sea database. See test procedure for more detail.

3.13.5.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments

1	Enter: <**login id at EDF**> on the workstation at EDF (SUN or SGI)	'Password' will be displayed.	Assume that DAAC Toolkit and Test Drivers are installed in the AIT workstation
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: **script TC13.5_log** on the workstation at EDF.	All input/output to the workstation will be recorded in the log file.	
4	Enter: **source /lr1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh**		**Note: For SGI test, change the command to : source /lr1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh**
5	Enter: **setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers**		**Note: For SGI test, change the command to : setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers_old32_f77**
6	Enter: **setenv PGSTK_TST_BIN .**		
7	Enter: **setenv CSSLIB /lr1_IT/CSS/lib**		**Note: This lib is used to run "old 32 bit" mode in SGI. No test will run be for "new 32 bit" and "64 bit" mode on SGI.**
8	Enter: **cd $PGSTK_TST_SRC/AA**	The directory will change to where the Toolkit and testdriver are stored.	
9	Enter: **$PGSTK_TST_SRC/Common/cleanup.csh AA**	Clean up files which were produced by previous test	
10	Enter: **$PGSTK_TST_SRC/Common/createPCF.csh AA**		
11	Enter: **setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF**		
12	Enter: **ls -l PGS_AA_dcw***	List of files are displayed	
13	Enter: **make PGS_AA_dcw_Driver_c**	The driver will compile without errors	**Note: For SGI test, change the command to: make PGS-AA-dcw_Driver_f**
14	Enter: **PGS_AA_dcw_Driver_c < PGS_AA_dcw_Driver.in**	The driver will run without errors and results of running the test driver will be saved in an output file	**For SGI test, change the command to: PGS_AA_dcw_Driver_f < PGS_AA_dcw_Driver.in**

15	Enter: **ls -l PGS_AA_dcw***	List of files are displayed	
16	Enter: **diff PGS_AA_dcw_Driver_c.out_sample PGS_AA_dcw_Driver_c.out.***	Expect differences in machine name, output file name, Time, Date .	**Note: For SGI test, change the command to: diff PGS_AA_dcw_Driver_f.out_sample PGS_AA_dcw_Driver_f77.out** **Expect no difference since in the FORTRAN output file have no machine name or time stamp were logged.**
17	Enter: **exit**	Out of the script	
18	Logoff the workstation		
19	Repeat the step 1 -18 for SGI machine		

3.13.5.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**Ancillary Data Access - Land/Sea Database Test Procedures (B01.10.02)**
Test Case ID:	**TC 13.5**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit Toolkit test driver PGS_AA_dcw_Driver_c.c and makefile

H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov**	
Test Data:	Test data PGS_AA_dcw_Driver.in and sample outputdata PGS_AA_dcw_Driver_c.out_sample	
Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 11:57:07	Tester(s): Ping-Chieh. Chang
Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), and Shiheng Cheng (IV&V) and QA - Darrly Arrington		
Comments:		

NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass	Fail		Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.5

****

Date/Time: Wed Dec 6 11:57:07 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

```
pchang 20852 20771 16 11:57:02 pts/16   0:00 /bin/sh env3
pchang 20722 20720 80 11:56:18 pts/16   0:01 -csh
pchang 20771 20722 80 11:56:38 pts/16   0:01 /bin/csh
pchang 20875 20852  5 11:57:08 pts/16   0:00 grep pchang
pchang 20876 20875 56 11:57:08 pts/16   0:01 ps -aef
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog
ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include
ADD_LFLAGS=-L/Ir1_IT/CSS/lib
ADD_LIBS=-lEcUtLogC -lnsl
ARCH=sun5
AUTOSERV=A31
AUTOSYS=/data/autotree1/autosys
AUTOUSER=/data/autotree1/autouser
BRAND=sun5
CC=cc
```

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lru

nner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

```
HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=


LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1
```

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.5

TEST CASE IDENTIFICATION: TC13.5_sgi

****

Date/Time: Mon Dec 11 11:24:44 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

```
**************************************************

IRIX64 dps1sgiedf 6.1 07121823 IP21 mips


 LIST OF ACTIVE PROCESSES:

 ************************

  pchang 13393 13392  5 11:24:44 pts/1    0:00 ps -edf

  pchang 13384 13378  5 11:24:36 pts/1    0:00 /bin/sh env3

  pchang 13364 13363  0 11:23:36 pts/1    0:00 -csh

  pchang 13378 13364  0 11:24:32 pts/1    0:00 /bin/csh

  pchang 13137 13136  0 11:11:26 pts/6    0:00 -csh

  pchang 13392 13384  1 11:24:44 pts/1    0:00 grep pchang



 TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

 ************************************************

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat
```

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

IFS=

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=IRIX64

selection=1

testid=TC13.5_sgi

Output Data:

Script started on Wed Dec 06 11:57:23 1995

Mercury environment set

dps3sunedf{pchang}1: source /Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh

dps3sunedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac-t _test_drivers

dps3sunedf{pchang}3: setenv PGSTK_TST_BIN .

dps3sunedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps3sunedf{pchang}5: cs $PGS d $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers/AA

dps3sunedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.sch AA csh AA

Removing test files in /Ir1_IT/daac_test_drivers/AA ...

No match

```
dps3sunedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/daac_toolkit/TOOLKIT/AAdata'


dps3sunedf{pchang}8: setenv PGS_PC_INF_FILE $PGSTK_TST_SRC/AA/PCF
dps3sunedf{pchang}9: unsetenv PGS_PC_INF_FILE $PGSTK_TST_SRC/AA/PCF
dps3sunedf{pchang}10: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
dps3sunedf{pchang}11: ls -l PGS_AA_dcw*
-r--r--r--   1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--   1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--   1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps3sunedf{pchang}12: make PGS_AA_dcw_Driver_c
USING LIBRARY IN /data3/daac_toolkit/TOOLKIT/lib/sun5 TO COMPILE
\rm -f ./PGS_AA_dcw_Driver_c
\rm -f PGS_AA_dcw_Driver_c.o
dps3sunedf{pchang}13: PGS_AA_dcw_Driver_c < PGS_AA_dcw_Driver.in
[H[2J
```

```
*******************************
Testing AA_DCW_Driver Tool
*******************************


Input Test Case :

Input Test Name :  Start Date/Time:          Wed Dec  6 12:03:23 1995


Test Case:          PGS_AA_dcw_Driver.in


Enter the number of  Parameters


Enter the parameter requested


Enter the # of  points


Enter latitude


Enter the longitude


Enter latitude
```

Enter the longitude

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Enter the longitude

Test Name: LandPoints

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : po

points: 36

Latitude 70.000000

longitude: 120.000000

Latitude 35.000000

longitude: -80.000000

Latitude 70.000000

longitude: -110.000000

Latitude 15.000000

longitude: -90.000000

Latitude 20.000000

longitude: -75.000000

Latitude 0.000000

longitude: -60.000000

Latitude -50.000000

longitude: -70.000000

Latitude -30.000000

longitude: 20.000000

Latitude -20.000000

longitude: 45.000000

Latitude 0.000000

longitude: 15.000000

Latitude 0.000000

longitude: 10.000000

Latitude 40.000000

longitude: -5.000000

Latitude 40.000000

longitude: 0.000000

Latitude 45.000000

longitude: 10.000000

Latitude 56.000000

longitude: 10.000000

Latitude 60.000000

longitude: 15.000000

Latitude 65.000000

longitude: -18.000000

Latitude 60.000000

longitude: 12.000000

Latitude 44.000000

longitude: 26.000000

Latitude 40.000000

longitude: 35.000000

Latitude 35.000000

longitude: 40.000000

Latitude 32.000000

longitude: 40.000000

Latitude 15.000000

longitude: 45.000000

Latitude 32.000000

longitude: 35.000000

Latitude 30.000000

longitude: 37.000000

Latitude 35.000000

longitude: 50.000000

Latitude 40.000000

longitude: 108.000000

Latitude 40.000000

longitude: 126.000000

Latitude 36.000000

longitude: 128.000000

Latitude 10.000000

longitude: 106.000000

Latitude 7.000000

longitude: 125.000000

Latitude 44.000000

longitude: 142.000000

Latitude 36.000000

longitude: 136.000000

Latitude 0.000000

longitude: 115.000000

Latitude -30.000000

longitude: 130.000000

Latitude -46.000000

longitude: 168.000000

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

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Results: 1

** Continue? (yY/nN):

Input Test Name :

Enter the number of Parameters

Enter the parameter requested

Enter the # of points

Enter latitude

Enter the longitude

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Enter the longitude

Test Name: Water_Points

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : po

points: 36

Latitude 50.000000

longitude: -20.000000

Latitude 50.000000

longitude: -140.000000

Latitude 70.000000

longitude: 0.000000

Latitude 20.000000

longitude: -160.000000

Latitude -50.000000

longitude: -40.000000

Latitude -50.000000

longitude: 160.000000

Latitude -60.000000

longitude: 120.000000

Latitude -50.000000

longitude: 160.000000

Latitude 66.000000

longitude: 4.000000

Latitude 56.000000

longitude: 18.000000

Latitude -40.000000

longitude: 60.000000

Latitude 54.000000

longitude: -5.000000

Latitude 50.000000

longitude: 0.000000

Latitude 44.000000

longitude: 30.000000

Latitude 38.000000

longitude: 2.000000

Latitude 42.000000

longitude: 16.000000

Latitude 38.000000

longitude: 18.000000

Latitude 40.000000

longitude: 50.000000

Latitude 20.000000

longitude: 60.000000

Latitude 20.000000

longitude: 90.000000

Latitude 0.000000

longitude: 80.000000

Latitude 10.000000

longitude: 110.000000

Latitude 24.000000

longitude: 36.000000

Latitude -20.000000

longitude: 40.000000

Latitude 0.000000

longitude: 0.000000

Latitude -42.000000

longitude: 168.000000

Latitude 50.000000

longitude: -40.000000

Latitude 44.000000

longitude: -82.000000

Latitude 28.000000

longitude: -86.000000

Latitude 30.000000

longitude: -114.000000

Latitude 15.000000

longitude: -75.000000

Latitude 20.000000

longitude: -95.000000

Latitude 20.000000

longitude: -65.000000

Latitude -50.000000

longitude: -60.000000

Latitude 0.000000

longitude: 180.000000

Latitude 20.000000

longitude: -60.000000

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

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Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

** Continue? (yY/nN):

End Date/Time: Wed Dec 6 12:07:07 1995

dps3sunedf{pchang}14: ls -l PGS_AA-dcw*

No match

dps3sunedf{pchang}15: ls -l PGS_AA_dcw*

```
-r--r--r--   1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    240492 Dec  6 12:02 PGS_AA_dcw_Driver_c
-r--r--r--   1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-rw-rw-r--   1 pchang   Ir1_IT      4651 Dec  6 12:07 PGS_AA_dcw_Driver_c.out.Dec__6_12:03:23_1995
-r--r--r--   1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps3sunedf{pchang}16: diff PGS_AA_dcw_Driver_c.out_sample  PGS_AA_dcw_Driver_c.out.Dec__6_12:03:23_1995
1c1
< Machine Name - fire
---
> Machine Name - dps3sunedf
4c4
< *****----- PGS_AA_dcw_Driver_c.out.Jul__7_13:36:57_1995 -----*****
---
> *****----- PGS_AA_dcw_Driver_c.out.Dec__6_12:03:23_1995 -----*****
7c7
< Start Date/Time:            Fri Jul  7 13:36:57 1995
---
> Start Date/Time:            Wed Dec  6 12:03:23 1995
```

```
344c344
< End Date/Time:            Fri Jul  7 13:38:07 1995
---
> End Date/Time:            Wed Dec  6 12:07:07 1995
dps3sunedf{pchang}17: exit
script done on Wed Dec 06 12:08:42 1995
```

Output Data:

```
Script started on Mon Dec 11 11:25:19 1995
dps1sgiedf{pchang}1: source /Ir1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csg h
dps1sgiedf{pchang}2:
dps1sgiedf{pchang}2:  setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers_old32_f77
dps1sgiedf{pchang}3:  setenv PGSTK_TST_BIN .
dps1sgiedf{pchang}4:  setenv CSSLIB /Ir1_IT/CSS/lib
dps1sgiedf{pchang}5: cd $PGSTK_TST_SRC/AA
/Ir1_IT/daac_test_drivers_old32_f77/AA
dps1sgiedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA

Removing test files in /Ir1_IT/daac_test_drivers_old32_f77/AA ...

No match
```

```
dps1sgiedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/AAdata'


dps1sgiedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
dps1sgiedf{pchang}9:  ls -l PGS_AA_dcw
Cannot access PGS_AA_dcw: No such file or directory
dps1sgiedf{pchang}10: ls -l PGS_AA_dcw*
-r--r--r--    1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--    1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--    1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--    1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--    1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps1sgiedf{pchang}11: make PGS_AA_dcw_Driver_f
Copying FORTRAN include files to local directory...
PGS_AA_10.f
PGS_SMF.f
USING LIBRARY IN /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi TO COMPILE
      \rm -f ./PGS_AA_dcw_Driver_f
PGS_AA_dcw_Driver_f.f:
```

```
/Ir1_IT/daac_test_drivers_old32_f77/Common/Create_filename_f77.f:
        \rm -f PGS_AA_dcw_Driver_f.o
        \rm -f Create_filename_f77.o
        \rm -f PGS_AA_10.f   PGS_SMF.f
dps1sgiedf{pchang}12: PGS_AA_dcw_Driver_f < PGS_AA_dcw_Driver.in

++++++++++++++++++++++++++++++++++++++++++++++
    Testing PGS_AA_dcw Tool
++++++++++++++++++++++++++++++++++++++++++++++
Enter test case name:

Enter test name:

                Test Case: PGS_AA_dcw_Driver.in

Enter the number of parameters requested

                Number of parameters -->

Enter the parameter requested
```

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter Latitude (1) -->

Enter Longitude (1) -->

Enter Latitude (2) -->

Enter Longitude (2) -->

Enter Latitude (3) -->

Enter Longitude (3) -->

Enter Latitude (4) -->

Enter Longitude (4) -->

Enter Latitude (5) -->

Enter Longitude (5) -->

Enter Latitude (6) -->

Enter Longitude (6) -->

Enter Latitude (7) -->

Enter Longitude (7) -->

Enter Latitude (8) -->

Enter Longitude (8) -->

Enter Latitude (9) -->

Enter Longitude (9) -->

Enter Latitude (10) -->

Enter Longitude (10) -->

Enter Latitude (11) -->

Enter Longitude (11) -->

Enter Latitude (12) -->

Enter Longitude (12) -->

Enter Latitude (13) -->

Enter Longitude (13) -->

Enter Latitude (14) -->

Enter Longitude (14) -->

Enter Latitude (15) -->

Enter Longitude (15) -->

Enter Latitude (16) -->

Enter Longitude (16) -->

Enter Latitude (17) -->

Enter Longitude (17) -->

Enter Latitude (18) -->

Enter Longitude (18) -->

Enter Latitude (19) -->

Enter Longitude (19) -->

Enter Latitude (20) -->

Enter Longitude (20) -->

Enter Latitude (21) -->

Enter Longitude (21) -->

Enter Latitude (22) -->

Enter Longitude (22) -->

Enter Latitude (23) -->

Enter Longitude (23) -->

Enter Latitude (24) -->

Enter Longitude (24) -->

Enter Latitude (25) -->

Enter Longitude (25) -->

Enter Latitude (26) -->

Enter Longitude (26) -->

Enter Latitude (27) -->

Enter Longitude (27) -->

Enter Latitude (28) -->

Enter Longitude (28) -->

Enter Latitude (29) -->

Enter Longitude (29) -->

Enter Latitude (30) -->

Enter Longitude (30) -->

Enter Latitude (31) -->

Enter Longitude (31) -->

Enter Latitude (32) -->

Enter Longitude (32) -->

Enter Latitude (33) -->

Enter Longitude (33) -->

```
Enter Latitude  (  34) -->

Enter Longitude (  34) -->

Enter Latitude  (  35) -->

Enter Longitude (  35) -->

Enter Latitude  (  36) -->

Enter Longitude (  36) -->

Test Name: LandPoints

---Toolkit Input Parameters---

Parameter: po

Latitude  (   1) =     70.0000000
```

Longitude (1) = 120.0000000

Latitude (2) = 35.0000000

Longitude (2) = -80.0000000

Latitude (3) = 70.0000000

Longitude (3) = -110.0000000

Latitude (4) = 15.0000000

Longitude (4) = -90.0000000

Latitude (5) = 20.0000000

Longitude (5) = -75.0000000

Latitude (6) = 0.0000000

Longitude (6) = -60.0000000

Latitude (7) = -50.0000000

Longitude (7) = -70.0000000

Latitude (8) = -30.0000000

Longitude (8) = 20.0000000

Latitude (9) = -20.0000000

Longitude (9) = 45.0000000

Latitude (10) = 0.0000000

Longitude (10) = 15.0000000

Latitude (11) = 0.0000000

Longitude (11) = 10.0000000

Latitude (12) = 40.0000000

Longitude (12) = -5.0000000

Latitude (13) = 40.0000000

Longitude (13) = 0.0000000

Latitude (14) = 45.0000000

Longitude (14) = 10.0000000

Latitude (15) = 56.0000000

Longitude (15) = 10.0000000

Latitude (16) = 60.0000000

Longitude (16) = 15.0000000

Latitude (17) = 65.0000000

Longitude (17) = -18.0000000

Latitude (18) = 60.0000000

Longitude (18) = 12.0000000

Latitude (19) = 44.0000000

Longitude (19) = 26.0000000

Latitude (20) = 40.0000000

Longitude (20) = 35.0000000

Latitude (21) = 35.0000000

Longitude (21) = 40.0000000

Latitude (22) = 32.0000000

Longitude (22) = 40.0000000

Latitude (23) = 15.0000000

Longitude (23) = 45.0000000

Latitude (24) = 32.0000000

Longitude (24) = 35.0000000

Latitude (25) = 30.0000000

Longitude (25) = 37.0000000

Latitude (26) = 35.0000000

Longitude (26) = 50.0000000

Latitude (27) = 40.0000000

Longitude (27) = 108.0000000

Latitude (28) = 40.0000000

Longitude (28) = 126.0000000

Latitude (29) = 36.0000000

Longitude (29) = 128.0000000

Latitude (30) = 10.0000000

Longitude (30) = 106.0000000

Latitude (31) = 7.0000000

Longitude (31) = 125.0000000

Latitude (32) = 44.0000000

Longitude (32) = 142.0000000

Latitude (33) = 36.0000000

Longitude (33) = 136.0000000

Latitude (34) = 0.0000000

Longitude (34) = 115.0000000

Latitude (35) = -30.0000000

Longitude (35) = 130.0000000

Latitude (36) = -46.0000000

Longitude (36) =   168.0000000

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) =   1

Results (2) =   1

Results (3) =   1

Results (4) =   1

Results (5) =   1

Results (6) = 1

Results (7) = 1

Results (8) = 1

Results (9) = 1

Results (10) = 1

Results (11) = 1

Results (12) = 1

Results (13) = 1

Results (14) = 1

Results (15) = 1

Results (16) = 1

Results (17) = 1

Results (18) = 1

Results (19) = 1

Results (20) = 1

Results (21) = 1

Results (22) = 1

Results (23) = 1

Results (24) = 1

Results (25) = 1

Results (26) = 1

Results (27) = 1

Results (28) = 1

Results (29) = 1

Results (30) = 1

Results (31) = 1

Results (32) = 1

Results (33) = 1

Results (34) = 1

Results (35) = 1

Results (36) =   1

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter Latitude (1) -->

Enter Longitude (1) -->

Enter Latitude (2) -->

Enter Longitude (2) -->

Enter Latitude (3) -->

Enter Longitude (3) -->

Enter Latitude (4) -->

Enter Longitude (4) -->

Enter Latitude (5) -->

Enter Longitude (5) -->

Enter Latitude (6) -->

Enter Longitude (6) -->

Enter Latitude (7) -->

Enter Longitude (7) -->

Enter Latitude (8) -->

Enter Longitude (8) -->

Enter Latitude (9) -->

Enter Longitude (9) -->

Enter Latitude (10) -->

Enter Longitude (10) -->

Enter Latitude (11) -->

Enter Longitude (11) -->

Enter Latitude (12) -->

Enter Longitude (12) -->

Enter Latitude (13) -->

Enter Longitude (13) -->

Enter Latitude (14) -->

Enter Longitude (14) -->

Enter Latitude (15) -->

Enter Longitude (15) -->

Enter Latitude (16) -->

Enter Longitude (16) -->

Enter Latitude (17) -->

Enter Longitude (17) -->

Enter Latitude (18) -->

Enter Longitude (18) -->

Enter Latitude (19) -->

Enter Longitude (19) -->

Enter Latitude (20) -->

Enter Longitude (20) -->

Enter Latitude (21) -->

Enter Longitude (21) -->

Enter Latitude (22) -->

Enter Longitude (22) -->

Enter Latitude (23) -->

Enter Longitude (23) -->

Enter Latitude (24) -->

Enter Longitude (24) -->

Enter Latitude (25) -->

Enter Longitude (25) -->

Enter Latitude (26) -->

Enter Longitude (26) -->

Enter Latitude (27) -->

Enter Longitude (27) -->

Enter Latitude (28) -->

Enter Longitude (28) -->

Enter Latitude (29) -->

Enter Longitude (29) -->

Enter Latitude (30) -->

Enter Longitude (30) -->

Enter Latitude (31) -->

Enter Longitude (31) -->

Enter Latitude (32) -->

Enter Longitude (32) -->

Enter Latitude (33) -->

Enter Longitude (33) -->

Enter Latitude (34) -->

Enter Longitude (34) -->

Enter Latitude (35) -->

Enter Longitude (35) -->

```
Enter Latitude  (  36) -->

Enter Longitude (  36) -->

Test Name: Water_Points

---Toolkit Input Parameters---

Parameter: po

Latitude  (   1) =     50.0000000

Longitude (   1) =    -20.0000000

Latitude  (   2) =     50.0000000

Longitude (   2) =   -140.0000000

Latitude  (   3) =     70.0000000
```

Longitude (3) = 0.0000000

Latitude (4) = 20.0000000

Longitude (4) = -160.0000000

Latitude (5) = -50.0000000

Longitude (5) = -40.0000000

Latitude (6) = -50.0000000

Longitude (6) = 160.0000000

Latitude (7) = -60.0000000

Longitude (7) = 120.0000000

Latitude (8) = -50.0000000

Longitude (8) = 160.0000000

Latitude (9) = 66.0000000

Longitude (9) = 4.0000000

Latitude (10) = 56.0000000

Longitude (10) = 18.0000000

Latitude (11) = -40.0000000

Longitude (11) = 60.0000000

Latitude (12) = 54.0000000

Longitude (12) = -5.0000000

Latitude (13) = 50.0000000

Longitude (13) = 0.0000000

Latitude (14) = 44.0000000

Longitude (14) = 30.0000000

Latitude (15) = 38.0000000

Longitude (15) = 2.0000000

Latitude (16) = 42.0000000

Longitude (16) = 16.0000000

Latitude (17) = 38.0000000

Longitude (17) = 18.0000000

Latitude (18) = 40.0000000

Longitude (18) = 50.0000000

Latitude (19) = 20.0000000

Longitude (19) = 60.0000000

Latitude (20) = 20.0000000

Longitude (20) = 90.0000000

Latitude (21) = 0.0000000

Longitude (21) = 80.0000000

Latitude (22) = 10.0000000

Longitude (22) = 110.0000000

Latitude (23) = 24.0000000

Longitude (23) = 36.0000000

Latitude (24) = -20.0000000

Longitude (24) = 40.0000000

Latitude (25) = 0.0000000

Longitude (25) = 0.0000000

Latitude (26) = -42.0000000

Longitude (26) = 168.0000000

Latitude (27) = 50.0000000

Longitude (27) = -40.0000000

Latitude (28) = 44.0000000

Longitude (28) = -82.0000000

Latitude (29) = 28.0000000

Longitude (29) = -86.0000000

Latitude (30) = 30.0000000

Longitude (30) = -114.0000000

Latitude (31) = 15.0000000

Longitude (31) = -75.0000000

Latitude (32) = 20.0000000

Longitude (32) = -95.0000000

Latitude (33) = 20.0000000

Longitude (33) =   -65.0000000

Latitude (34) =   -50.0000000

Longitude (34) =   -60.0000000

Latitude (35) =   0.0000000

Longitude (35) =   180.0000000

Latitude (36) =   20.0000000

Longitude (36) =   -60.0000000

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = 2

Results (2) = 2

Results (3) = 2

Results (4) = 2

Results (5) = 2

Results (6) = 2

Results (7) = 2

Results (8) = 2

Results (9) = 2

Results (10) = 2

Results (11) = 2

Results (12) = 2

Results (13) = 2

Results (14) = 2

Results (15) = 2

Results (16) = 2

Results (17) = 2

Results (18) = 2

Results (19) = 2

Results (20) = 2

Results (21) = 2

Results (22) = 2

Results (23) = 2

Results (24) = 2

Results (25) = 2

Results (26) = 2

Results (27) = 2

Results (28) = 2

Results (29) = 2

```
Results (  30) =    2

Results (  31) =    2

Results (  32) =    2

Results (  33) =    2

Results (  34) =    2

Results (  35) =    2

Results (  36) =    2

***Continue?  (yY/nN):

dps1sgiedf{pchang}13: ls -l PGS_AA_dcw*

-r--r--r--    1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in

-r--r--r--    1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c

-r--r--r--    1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
```

```
-rwxr-xr-x    1 pchang   Ir1_IT    335784 Dec 11 11:28 PGS_AA_dcw_Driver_f
-r--r--r--    1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--    1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
-rw-rw-r--    1 pchang   Ir1_IT     12318 Dec 11 11:29 PGS_AA_dcw_Driver_f77.out
dps1sgiedf{pchang}14: diff PGS_AA_dcw_Driver_f.out_sample PGS_AA_dcw_Driver_f77.out
dps1sgiedf{pchang}15: exit
dps1sgiedf{pchang}16:
script done on Mon Dec 11 11:30:29 1995
```

3.13.5.4 Recommendations and Conclusions

Test ran successfully on both the SUN and SGI machines at the EDF site. Site tests should only run on the science processor - SGI. Algorithm written in C and FORTRAN are covered.

3.13.6 Ancillary Data Access - Climatoloty Database (B03.10.03)

3.13.6.1 Test Summary

Test verified the capability to access and use a digital political map database. See test procedure for more detail.

3.13.6.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	The project has not supplied a suitable climatology database; neither is a climatology database agreed by the community currently known to be available. Therefore, no implementation in the toolkit to access the climatology database at this point.		No test will be performed

As the reason stated in the updated test procedure, there has no test performed.

3.13.6.3 Test Results

TEST LOG

Thread / Build Name:	d1 Release (B4)
Test Case Name:	**Ancillary Data Access - Climatology Database Test Procedures (B01.10.03)**
Test Case ID:	**TC 13.6**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit

H/W Config./ Host Names: **N/A**		
Test Data:		
Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 13:07:46	Tester(s): Ping-Chieh. Chang
Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), and Shiheng Cheng (IV&V)		
Comments: No test step can be run because the project has not supplied a suitable climatology database; neither is a climatology database		
agreed by the community currently known to be available. Therefore, no implementation in the toolkit to access climatology		
database at this point. This is true for both SUN and SGI machines.		
Since no test step was run therefore, the Pass/Fail status is N/A.		

NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass	Fail		Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.6

****

Date/Time: Wed Dec 6 13:07:46 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

```
pchang 28237 28214  5 13:07:47 pts/16   0:00 grep pchang
pchang 28238 28237 50 13:07:47 pts/16   0:00 ps -aef
pchang 28196 28169 80 13:07:13 pts/16   0:01 /bin/csh
pchang 28214 28196 15 13:07:39 pts/16   0:00 /bin/sh env3
pchang 28169 28167 80 13:06:59 pts/16   0:01 -csh
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog
ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include
ADD_LFLAGS=-L/Ir1_IT/CSS/lib
ADD_LIBS=-lEcUtLogC -lnsl
ARCH=sun5
AUTOSERV=A31
AUTOSYS=/data/autotree1/autosys
AUTOUSER=/data/autotree1/autouser
BRAND=sun5
```

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.6

Output Data:

Test log for TC13.6:

The project has not supplied a suitable climatology database; neither is a climatology database agreed by the community currently known to be available.

Therefore, no implementation in the PGS toolkit to access the climatology

database at this point.

This is true for both SUN and SGI version.

3.13.6.4 Recommendations and Conclusions

No test step performed. See 3.13.6.2 Deviations section for more detail.

3.13.7 Ancillary Data Access - Digital Political Map Database (B03.10.04)

3.13.7.1 Test Summary

Test verified the capability to access and use a digital political map database. See test procedure for more detail.

3.13.7.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Enter: <**login id at EDF**> on the workstation at EDF (SUN or SGI)	'Password' will be displayed.	Th is test has the same test steps as test case 13.5 (B03.10.02) because both Land/Sea data and Digital Political Map data has similar data format and can be accessed by the same tool
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	Assume that DAAC Toolkit and Test Drivers are installed in the AIT workstation
3	Enter: **script TC13.7_log** on the workstation at EDF.	All input/output will be recorded	

4	Enter: **source /lr1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh**		**Note: For SGI test, change the command to : source /lr1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh**
5	Enter: **setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers**		**Note: For SGI test, change the command to : setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers_old32_f77**
6	Enter: **setenv PGSTK_TST_BIN .**		
7	Enter: **setenv CSSLIB /lr1_IT/CSS/lib**		**Note: This lib is used to run "old 32 bit" mode in SGI. No test will run be for "new 32 bit" and "64 bit" mode on SGI.**
8	Enter: **cd $PGSTK_TST_SRC/AA**	The directory will change to where the Toolkit and testdriver are stored.	
9	Enter: **$PGSTK_TST_SRC/Common/cleanup.csh AA**	Clean up files which were produced by previous test	
10	Enter: **$PGSTK_TST_SRC/Common/createPCF.csh AA**		
11	Enter: **setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF**		
12	Enter: **ls -l PGS_AA_dcw***	List of files are displayed	
13	Enter: **make PGS_AA_dcw_Driver_c**	The driver will compile without errors	**Note: For SGI test, change the command to: make PGS-AA-dcw_Driver_f**
14	Enter: **PGS_AA_dcw_Driver_c < PGS_AA_dcw_Driver.in**	The driver will run without errors and results of running the test driver will be saved in an output file	**For SGI test, change the command to: PGS_AA_dcw_Driver_f < PGS_AA_dcw_Driver.in**
15	Enter: **ls -l PGS_AA_dcw***	List of files are displayed	
16	Enter: **diff PGS_AA_dcw_Driver_c.out_sample PGS_AA_dcw_Driver_C.out.***	Expect differences in machine name, output file name, Time, Date .	**Note: For SGI test, change the command to: diff PGS_AA_dcw_Driver_f.out_sample PGS_AA_dcw_Driver_f77.out** **Expect no difference since in the FORTRAN output file have no machine name or time stamp were logged.**

17	Enter: **exit**	Out of the script	
18	Logoff the workstation		
19	Repeat the steps 1 - 18 for SGI machine		

3.13.7.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**Ancillary Data Access - Digital Political Map Database Test Procedures (B01.10.04)**
Test Case ID:	**TC 13.7**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit Toolkit test driver PGS_AA_dcw_Driver_c.c and makefile
H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov**
Test Data:	Test data PGS_AA_dcw_Driver.in and sample outputdata PGS_AA_dcw_Driver_c.out_sample

Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 13:09:29	Tester(s): Ping-Chieh. Chang
Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), and Shiheng Cheng (IV&V)		
Comments:		
NCRs Verified: N/A		
NCRs Un-Verified: N/A		

Pass	Fail		Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.7

****

Date/Time: Wed Dec 6 13:09:04 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

```
pchang 28265 28196 11 13:08:46 pts/16   0:00 /bin/sh env3
pchang 28286 28285 25 13:09:04 pts/16   0:00 ps -aef
pchang 28285 28265  7 13:09:04 pts/16   0:00 grep pchang
pchang 28196 28169 80 13:07:13 pts/16   0:01 /bin/csh
pchang 28169 28167 80 13:06:59 pts/16   0:01 -csh
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

```
XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.7

 TEST CASE IDENTIFICATION:  TC13.7_sgi

 *************************

 Date/Time: Mon Dec 11 11:31:17 EST 1995

 *********

 TEST CONDUCTOR: pchang

 **************

 The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

 ***************************************************

IRIX64 dps1sgiedf 6.1 07121823 IP21 mips


 LIST OF ACTIVE PROCESSES:

 *************************

  pchang 13540 13531  0 11:31:17 pts/1    0:00 /bin/sh env3

  pchang 13542 13540  0 11:31:17 pts/1    0:00 whoami

  pchang 13531 13378  9 11:30:46 pts/1    0:00 /bin/sh env3
```

```
pchang 13364 13363  0 11:23:36 pts/1    0:00 -csh
pchang 13378 13364  0 11:24:32 pts/1    0:00 /bin/csh
pchang 13137 13136  0 11:11:26 pts/6    0:00 -csh
pchang 13541 13540  7 11:31:17 pts/1    0:00 ps -edf
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog
COLUMNS=80
ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile
ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat
ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat
ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer
ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store
ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data
ECS_INGEST_POLL_TIMER=28800
ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt
GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup
GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway
```

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

IFS=

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=IRIX64

selection=1

testid=TC13.7_sgi

Output Data:

```
Script started on Mon Dec 11 11:31:38 1995

dps1sgiedf{pchang}1: source /Ir1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh

dps1sgiedf{pchang}2:  setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers_old32_f77

dps1sgiedf{pchang}3: setenv PGSTK_TST_BIN .

dps1sgiedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps1sgiedf{pchang}5:  cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers_old32_f77/AA

dps1sgiedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA


Removing test files in /Ir1_IT/daac_test_drivers_old32_f77/AA ...


dps1sgiedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/AAdata'


dps1sgiedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF

dps1sgiedf{pchang}9:  ls -l PGS_AA_dcw*

-r--r--r--    1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in

-r--r--r--    1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
```

```
-r--r--r--    1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--    1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--    1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps1sgiedf{pchang}10: make PGS_AA_dcw_Driver_f
Copying FORTRAN include files to local directory...
PGS_AA_10.f
PGS_SMF.f
USING LIBRARY IN /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi TO COMPILE
        \rm -f ./PGS_AA_dcw_Driver_f
PGS_AA_dcw_Driver_f.f:
/Ir1_IT/daac_test_drivers_old32_f77/Common/Create_filename_f77.f:
        \rm -f PGS_AA_dcw_Driver_f.o
        \rm -f Create_filename_f77.o
        \rm -f PGS_AA_10.f   PGS_SMF.f
dps1sgiedf{pchang}11:  PGS_AA_dcw_Driver_f < PGS_AA_dcw_Driver.in



++++++++++++++++++++++++++++++++++++++++++++++


     Testing PGS_AA_dcw Tool
```

++

Enter test case name:

Enter test name:

Test Case: PGS_AA_dcw_Driver.in

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter Latitude (1) -->

Enter Longitude (1) -->

Enter Latitude (2) -->

Enter Longitude (2) -->

Enter Latitude (3) -->

Enter Longitude (3) -->

Enter Latitude (4) -->

Enter Longitude (4) -->

Enter Latitude (5) -->

Enter Longitude (5) -->

Enter Latitude (6) -->

Enter Longitude (6) -->

Enter Latitude (7) -->

Enter Longitude (7) -->

Enter Latitude (8) -->

Enter Longitude (8) -->

Enter Latitude (9) -->

Enter Longitude (9) -->

Enter Latitude (10) -->

Enter Longitude (10) -->

Enter Latitude (11) -->

Enter Longitude (11) -->

Enter Latitude (12) -->

Enter Longitude (12) -->

Enter Latitude (13) -->

Enter Longitude (13) -->

Enter Latitude (14) -->

Enter Longitude (14) -->

Enter Latitude (15) -->

Enter Longitude (15) -->

Enter Latitude (16) -->

Enter Longitude (16) -->

Enter Latitude (17) -->

Enter Longitude (17) -->

Enter Latitude (18) -->

Enter Longitude (18) -->

Enter Latitude (19) -->

Enter Longitude (19) -->

Enter Latitude (20) -->

Enter Longitude (20) -->

Enter Latitude (21) -->

Enter Longitude (21) -->

Enter Latitude (22) -->

Enter Longitude (22) -->

Enter Latitude (23) -->

Enter Longitude (23) -->

Enter Latitude (24) -->

Enter Longitude (24) -->

Enter Latitude (25) -->

Enter Longitude (25) -->

Enter Latitude (26) -->

Enter Longitude (26) -->

Enter Latitude (27) -->

Enter Longitude (27) -->

Enter Latitude (28) -->

Enter Longitude (28) -->

Enter Latitude (29) -->

Enter Longitude (29) -->

Enter Latitude (30) -->

Enter Longitude (30) -->

Enter Latitude (31) -->

Enter Longitude (31) -->

Enter Latitude (32) -->

Enter Longitude (32) -->

Enter Latitude (33) -->

Enter Longitude (33) -->

Enter Latitude (34) -->

Enter Longitude (34) -->

```
Enter Latitude  (  35) -->

Enter Longitude (  35) -->

Enter Latitude  (  36) -->

Enter Longitude (  36) -->

Test Name: LandPoints

---Toolkit Input Parameters---

Parameter: po

Latitude  (   1) =     70.0000000

Longitude (   1) =    120.0000000

Latitude  (   2) =     35.0000000
```

Longitude (2) = -80.0000000

Latitude (3) = 70.0000000

Longitude (3) = -110.0000000

Latitude (4) = 15.0000000

Longitude (4) = -90.0000000

Latitude (5) = 20.0000000

Longitude (5) = -75.0000000

Latitude (6) = 0.0000000

Longitude (6) = -60.0000000

Latitude (7) = -50.0000000

Longitude (7) = -70.0000000

Latitude (8) = -30.0000000

Longitude (8) = 20.0000000

Latitude (9) = -20.0000000

Longitude (9) = 45.0000000

Latitude (10) = 0.0000000

Longitude (10) = 15.0000000

Latitude (11) = 0.0000000

Longitude (11) = 10.0000000

Latitude (12) = 40.0000000

Longitude (12) = -5.0000000

Latitude (13) = 40.0000000

Longitude (13) = 0.0000000

Latitude (14) = 45.0000000

Longitude (14) = 10.0000000

Latitude (15) = 56.0000000

Longitude (15) = 10.0000000

Latitude (16) = 60.0000000

Longitude (16) = 15.0000000

Latitude (17) = 65.0000000

Longitude (17) = -18.0000000

Latitude (18) = 60.0000000

Longitude (18) = 12.0000000

Latitude (19) = 44.0000000

Longitude (19) = 26.0000000

Latitude (20) = 40.0000000

Longitude (20) = 35.0000000

Latitude (21) = 35.0000000

Longitude (21) = 40.0000000

Latitude (22) = 32.0000000

Longitude (22) = 40.0000000

Latitude (23) = 15.0000000

Longitude (23) = 45.0000000

Latitude (24) = 32.0000000

Longitude (24) = 35.0000000

Latitude (25) = 30.0000000

Longitude (25) = 37.0000000

Latitude (26) = 35.0000000

Longitude (26) = 50.0000000

Latitude (27) = 40.0000000

Longitude (27) = 108.0000000

Latitude (28) = 40.0000000

Longitude (28) = 126.0000000

Latitude (29) = 36.0000000

Longitude (29) = 128.0000000

Latitude (30) = 10.0000000

Longitude (30) = 106.0000000

Latitude (31) = 7.0000000

Longitude (31) = 125.0000000

Latitude (32) = 44.0000000

Longitude (32) = 142.0000000

Latitude (33) = 36.0000000

Longitude (33) = 136.0000000

Latitude (34) = 0.0000000

Longitude (34) = 115.0000000

Latitude (35) = -30.0000000

Longitude (35) = 130.0000000

Latitude (36) = -46.0000000

Longitude (36) = 168.0000000

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = 1

Results (2) = 1

Results (3) = 1

Results (4) = 1

Results (5) = 1

Results (6) = 1

Results (7) = 1

Results (8) = 1

Results (9) = 1

Results (10) = 1

Results (11) = 1

Results (12) = 1

Results (13) = 1

Results (14) = 1

Results (15) = 1

Results (16) = 1

Results (17) = 1

Results (18) = 1

Results (19) = 1

Results (20) = 1

Results (21) = 1

Results (22) = 1

Results (23) = 1

Results (24) = 1

Results (25) = 1

Results (26) = 1

Results (27) = 1

Results (28) = 1

Results (29) = 1

Results (30) = 1

Results (31) = 1

Results (32) = 1

Results (33) = 1

Results (34) = 1

Results (35) = 1

Results (36) = 1

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter Latitude (1) -->

Enter Longitude (1) -->

Enter Latitude (2) -->

Enter Longitude (2) -->

Enter Latitude (3) -->

Enter Longitude (3) -->

Enter Latitude (4) -->

Enter Longitude (4) -->

Enter Latitude (5) -->

Enter Longitude (5) -->

Enter Latitude (6) -->

Enter Longitude (6) -->

Enter Latitude (7) -->

Enter Longitude (7) -->

Enter Latitude (8) -->

Enter Longitude (8) -->

Enter Latitude (9) -->

Enter Longitude (9) -->

Enter Latitude (10) -->

Enter Longitude (10) -->

Enter Latitude (11) -->

Enter Longitude (11) -->

Enter Latitude (12) -->

Enter Longitude (12) -->

Enter Latitude (13) -->

Enter Longitude (13) -->

Enter Latitude (14) -->

Enter Longitude (14) -->

Enter Latitude (15) -->

Enter Longitude (15) -->

Enter Latitude (16) -->

Enter Longitude (16) -->

Enter Latitude (17) -->

Enter Longitude (17) -->

Enter Latitude (18) -->

Enter Longitude (18) -->

Enter Latitude (19) -->

Enter Longitude (19) -->

Enter Latitude (20) -->

Enter Longitude (20) -->

Enter Latitude (21) -->

Enter Longitude (21) -->

Enter Latitude (22) -->

Enter Longitude (22) -->

Enter Latitude (23) -->

Enter Longitude (23) -->

Enter Latitude (24) -->

Enter Longitude (24) -->

Enter Latitude (25) -->

Enter Longitude (25) -->

Enter Latitude (26) -->

Enter Longitude (26) -->

Enter Latitude (27) -->

Enter Longitude (27) -->

Enter Latitude (28) -->

Enter Longitude (28) -->

Enter Latitude (29) -->

Enter Longitude (29) -->

Enter Latitude (30) -->

Enter Longitude (30) -->

Enter Latitude (31) -->

Enter Longitude (31) -->

Enter Latitude (32) -->

Enter Longitude (32) -->

Enter Latitude (33) -->

Enter Longitude (33) -->

Enter Latitude (34) -->

Enter Longitude (34) -->

Enter Latitude (35) -->

Enter Longitude (35) -->

Enter Latitude (36) -->

Enter Longitude (36) -->

Test Name: Water_Points

---Toolkit Input Parameters---

Parameter: po

Latitude (1) = 50.0000000

Longitude (1) = -20.0000000

Latitude (2) = 50.0000000

Longitude (2) = -140.0000000

Latitude (3) = 70.0000000

Longitude (3) = 0.0000000

Latitude (4) = 20.0000000

Longitude (4) = -160.0000000

Latitude (5) = -50.0000000

Longitude (5) = -40.0000000

Latitude (6) = -50.0000000

Longitude (6) = 160.0000000

Latitude (7) = -60.0000000

Longitude (7) = 120.0000000

Latitude (8) = -50.0000000

Longitude (8) = 160.0000000

Latitude (9) = 66.0000000

Longitude (9) = 4.0000000

Latitude (10) = 56.0000000

Longitude (10) = 18.0000000

Latitude (11) = -40.0000000

Longitude (11) = 60.0000000

Latitude (12) = 54.0000000

Longitude (12) = -5.0000000

Latitude (13) = 50.0000000

Longitude (13) = 0.0000000

Latitude (14) = 44.0000000

Longitude (14) = 30.0000000

Latitude (15) = 38.0000000

Longitude (15) = 2.0000000

Latitude (16) = 42.0000000

Longitude (16) = 16.0000000

Latitude (17) = 38.0000000

Longitude (17) = 18.0000000

Latitude (18) = 40.0000000

Longitude (18) = 50.0000000

Latitude (19) = 20.0000000

Longitude (19) = 60.0000000

Latitude (20) = 20.0000000

Longitude (20) = 90.0000000

Latitude (21) = 0.0000000

Longitude (21) = 80.0000000

Latitude (22) = 10.0000000

Longitude (22) = 110.0000000

Latitude (23) = 24.0000000

Longitude (23) = 36.0000000

Latitude (24) = -20.0000000

Longitude (24) = 40.0000000

Latitude (25) = 0.0000000

Longitude (25) = 0.0000000

Latitude (26) = -42.0000000

Longitude (26) = 168.0000000

Latitude (27) = 50.0000000

Longitude (27) = -40.0000000

Latitude (28) = 44.0000000

Longitude (28) = -82.0000000

Latitude (29) = 28.0000000

Longitude (29) = -86.0000000

Latitude (30) = 30.0000000

Longitude (30) = -114.0000000

Latitude (31) = 15.0000000

Longitude (31) = -75.0000000

Latitude (32) = 20.0000000

Longitude (32) = -95.0000000

Latitude (33) = 20.0000000

Longitude (33) = -65.0000000

Latitude (34) = -50.0000000

Longitude (34) =   -60.0000000

Latitude (35) =   0.0000000

Longitude (35) =   180.0000000

Latitude (36) =   20.0000000

Longitude (36) =   -60.0000000

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) =   2

Results (2) = 2

Results (3) = 2

Results (4) = 2

Results (5) = 2

Results (6) = 2

Results (7) = 2

Results (8) = 2

Results (9) = 2

Results (10) = 2

Results (11) = 2

Results (12) = 2

Results (13) = 2

Results (14) = 2

Results (15) = 2

Results (16) = 2

Results (17) = 2

Results (18) = 2

Results (19) = 2

Results (20) = 2

Results (21) = 2

Results (22) = 2

Results (23) = 2

Results (24) = 2

Results (25) = 2

Results (26) = 2

Results (27) = 2

Results (28) = 2

Results (29) = 2

Results (30) = 2

Results (31) = 2

```
Results (  32) =    2

Results (  33) =    2

Results (  34) =    2

Results (  35) =    2

Results (  36) =    2

***Continue?  (yY/nN):
dps1sgiedf{pchang}12: dif   ls -l PGS_AA_dcw*
-r--r--r--    1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--    1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--    1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-rwxr-xr-x    1 pchang   Ir1_IT    335784 Dec 11 11:33 PGS_AA_dcw_Driver_f
-r--r--r--    1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--    1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
-rw-rw-r--    1 pchang   Ir1_IT     12318 Dec 11 11:34 PGS_AA_dcw_Driver_f77.out
dps1sgiedf{pchang}13: diff PGS_AA_dcw_Driver_f.out_sample PGS_AA_dcw_Driver_f77.out
```

```
dps1sgiedf{pchang}14: exit

dps1sgiedf{pchang}15:

script done on Mon Dec 11 11:35:20 1995
```

Output Data:

```
Script started on Wed Dec 06 13:09:29 1995

Mercury environment set

dps3sunedf{pchang}1: source /Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh

dps3sunedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers

dps3sunedf{pchang}3: setenv PGSTK_TST_BIN .

dps3sunedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps3sunedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers/AA

dps3sunedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA


Removing test files in /Ir1_IT/daac_test_drivers/AA ...


dps3sunedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/daac_toolkit/TOOLKIT/AAdata'
```

```
dps3sunedf{pchang}8: setenv PF GS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
dps3sunedf{pchang}9: ls -l PGS_AA_dcw*
-r--r--r--   1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--   1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--   1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps3sunedf{pchang}10: make PGS_AA_dcw_Driver_c
USING LIBRARY IN /data3/daac_toolkit/TOOLKIT/lib/sun5 TO COMPILE
\rm -f ./PGS_AA_dcw_Driver_c
\rm -f PGS_AA_dcw_Driver_c.o
dps3sunedf{pchang}11: p PGS_AA_dcw_Driver_c < PGS_AA_dcw_Driver.in
[H[2J


    ******************************

    Testing AA_DCW_Driver Tool
```

```
*********************************

Input Test Case :

Input Test Name :  Start Date/Time:  Wed Dec  6 13:13:38 1995


Test Case:       PGS_AA_dcw_Driver.in


Enter the number of  Parameters


Enter the parameter requested


Enter the # of  points


Enter latitude
```

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

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Enter the longitude

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Enter the longitude

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Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Test Name: LandPoints

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : po

points: 36

Latitude 70.000000

longitude: 120.000000

Latitude 35.000000

longitude: -80.000000

Latitude 70.000000

longitude: -110.000000

Latitude 15.000000

longitude: -90.000000

Latitude 20.000000

longitude: -75.000000

Latitude 0.000000

longitude: -60.000000

Latitude -50.000000

longitude: -70.000000

Latitude -30.000000

longitude: 20.000000

Latitude -20.000000

longitude: 45.000000

Latitude 0.000000

longitude: 15.000000

Latitude 0.000000

longitude: 10.000000

Latitude 40.000000

longitude: -5.000000

Latitude 40.000000

longitude: 0.000000

Latitude 45.000000

longitude: 10.000000

Latitude 56.000000

longitude: 10.000000

Latitude 60.000000

longitude: 15.000000

Latitude 65.000000

longitude: -18.000000

Latitude 60.000000

longitude: 12.000000

Latitude 44.000000

longitude: 26.000000

Latitude 40.000000

longitude: 35.000000

Latitude 35.000000

longitude: 40.000000

Latitude 32.000000

longitude: 40.000000

Latitude 15.000000

longitude: 45.000000

Latitude 32.000000

longitude: 35.000000

Latitude 30.000000

longitude: 37.000000

Latitude 35.000000

longitude: 50.000000

Latitude 40.000000

longitude: 108.000000

Latitude 40.000000

longitude: 126.000000

Latitude 36.000000

longitude: 128.000000

Latitude 10.000000

longitude: 106.000000

Latitude 7.000000

longitude: 125.000000

Latitude 44.000000

longitude: 142.000000

Latitude 36.000000

longitude: 136.000000

Latitude 0.000000

longitude: 115.000000

Latitude -30.000000

longitude: 130.000000

Latitude -46.000000

longitude: 168.000000

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

Results: 1

** Continue? (yY/nN):

Input Test Name :

Enter the number of Parameters

Enter the parameter requested

Enter the # of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

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Enter the longitude

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Enter the longitude

Enter latitude

Enter the longitude

Test Name: Water_Points

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : po

points: 36

Latitude 50.000000

longitude: -20.000000

Latitude 50.000000

longitude: -140.000000

Latitude 70.000000

longitude: 0.000000

Latitude 20.000000

longitude: -160.000000

Latitude -50.000000

longitude: -40.000000

Latitude -50.000000

longitude: 160.000000

Latitude -60.000000

longitude: 120.000000

Latitude -50.000000

longitude: 160.000000

Latitude 66.000000

longitude: 4.000000

Latitude 56.000000

longitude: 18.000000

Latitude -40.000000

longitude: 60.000000

Latitude 54.000000

longitude: -5.000000

Latitude 50.000000

longitude: 0.000000

Latitude 44.000000

longitude: 30.000000

Latitude 38.000000

longitude: 2.000000

Latitude 42.000000

longitude: 16.000000

Latitude 38.000000

longitude: 18.000000

Latitude 40.000000

longitude: 50.000000

Latitude 20.000000

longitude: 60.000000

Latitude 20.000000

longitude: 90.000000

Latitude 0.000000

longitude: 80.000000

Latitude 10.000000

longitude: 110.000000

Latitude 24.000000

longitude: 36.000000

Latitude -20.000000

longitude: 40.000000

Latitude 0.000000

longitude: 0.000000

Latitude -42.000000

longitude: 168.000000

Latitude 50.000000

longitude: -40.000000

Latitude 44.000000

longitude: -82.000000

Latitude 28.000000

longitude: -86.000000

Latitude 30.000000

longitude: -114.000000

Latitude 15.000000

longitude: -75.000000

Latitude 20.000000

longitude: -95.000000

Latitude 20.000000

longitude: -65.000000

Latitude -50.000000

longitude: -60.000000

Latitude 0.000000

longitude: 180.000000

Latitude 20.000000

longitude: -60.000000

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

Results: 2

```
Results: 2

Results: 2


** Continue?  (yY/nN):

End Date/Time:          Wed Dec  6 13:15:54 1995

dps3sunedf{pchang}12: la -   s -l PGS_AA- _dcw*
-r--r--r--   1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    240492 Dec  6 13:13 PGS_AA_dcw_Driver_c
-r--r--r--   1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-rw-rw-r--   1 pchang   Ir1_IT      4651 Dec  6 13:15 PGS_AA_dcw_Driver_c.out.Dec__6_13:13:38_1995
-r--r--r--   1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps3sunedf{pchang}13: diff PGS_AA_dcw_Driver_c.out_sample
diff: two filename arguments required
dps3sunedf{pchang}14: diff PGS_AA_dcw_Driver_c.out_sample  PGS_AA_dcw_Driver_c.out.Dec__6_13:13:38_1995
```

```
1c1
< Machine Name - fire
---
> Machine Name - dps3sunedf
4c4
< *****----- PGS_AA_dcw_Driver_c.out.Jul__7_13:36:57_1995 -----*****
---
> *****----- PGS_AA_dcw_Driver_c.out.Dec__6_13:13:38_1995 -----*****
7c7
< Start Date/Time:      Fri Jul  7 13:36:57 1995
---
> Start Date/Time:      Wed Dec  6 13:13:38 1995
344c344
< End Date/Time:      Fri Jul  7 13:38:07 1995
---
> End Date/Time:      Wed Dec  6 13:15:54 1995
dps3sunedf{pchang}15: exit
script done on Wed Dec 06 13:18:22 1995
```

3.13.7.4 Recommendations and Conclusions

Test ran successfully on both the SUN and SGI machine at the EDF site. Site tests should only run on the science processor - SGI. Algorithm written in C and FORTRAN were covered.

3.13.8 TRMM Ancillary Data Access (B03.10.05)

3.13.8.1 Test Summary

Test verified the capability to access TRMM ancillary data products by polling a location for the presence of TRMM ancillary data files and upon detection of a data granule generated a polling request. The data files identified in the polling request were transferred and the data was placed in ECS storage. See test procedure for more detail.

3.13.8.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	This test verifies the capability to access TRMM ancillary data products by polling a location for the presence of TRMM ancillary data files and upon detection of a data granule generate a polling request. The data files identified in the polling request are transferred and the data is placed in ECS storage.		This test case was found to be redundant with part of test case 12.5 (BS002.005). "Comparison of the data before ingest and data after ingest " is not part of this test case.

This test was found to be redundant with part of test case 12.5 (NESDIS and GADO Polling Ingest Test - BS002.005). Therefore, no test step performed for this test.

3.13.8.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**TRMM Ancillary Data Access Test Procedures (B01.10.05)**
Test Case ID:	**TC 13.8**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit
H/W Config./ Host Names:	**N/A**
Test Data:	
Test Tools/ Scripts:	

Test Date:12 - 06 - 95	Test Time: 13:19:24	Tester(s): Ping-Chieh. Chang

Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), and Shiheng Cheng (IV&V)

Comments: No test step was run because this test case was found to be redundant with part of thest case TC12.5 (BS002.005).

This test verifies the capability to access TRMM ancillary data products by polling a location for the presence of TRMM ancillary data files and upon detection of a data granule generate a polling request. The dat files identified in the polling request are transferred and the data is placed in ECS storage. This is true for both SUN and SGI machines.

Since no test step was performed therefore the Pass/Fail status is N/A.

NCRs Verified: N/A

NCRs Un-Verified: N/A

Pass	Fail	Partial Pass/Fail

1st Run	Formal Run	Retest	Release

Test log for testcase TC13.8:

This test verifies the capability to access TRMM ancillary data products by

polling a location for the presence of TRMM ancillary data files and upon detection of a data granule generate a polling request. The data files identified in the polling request are transferred and the data is placed in ECS storage.

This test case was found to be redundant with part of testcase TC12.5 (BS002.005). Therefore, refer to testcase TC12.5 for the actual test steps.

This is true for both SUN and SGI version.

A set of test results can be found under the directory TC13.8_dir at clearcase which are

the results from the TC12.5 regression test - performed by Kirk Miller per IV&V's request.

3.13.8.4 Recommendations and Conclusions

No test step performed. See 3.13.8.2 Deviations section and 3.13.8.3 Test Logs section for more detail.

3.13.9 Missing Data (B03.10.06)

3.13.9.1 Test Summary

Test verified that the processing to access ancillary data did not succeed until data was available. See test procedure for more detail.

3.13.9.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Enter: <**login id at EDF**> on the workstation at EDF (SUN or SGI)	'Password' will be displayed.	Assume that DAAC Toolkit and Test Drivers are installed in the AIT workstation
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
3	Enter: **script TC13.9_log** on the workstation at EDF.	All input/output to the workstation will be recorded in the log file.	
4	Enter: **source /lr1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh**		**Note: For SGI test, change the command to : source /lr1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh**
5	Enter: **setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers**		**Note: For SGI test, change the command to : setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers_old32_f77**
6	Enter: **setenv PGSTK_TST_BIN .**		
7	Enter: **setenv CSSLIB /lr1_IT/CSS/lib**		**Note: This lib is used to run "old 32 bit" mode in SGI. No test will run be for "new 32 bit" and "64 bit" mode on SGI.**
8	Enter: **cd $PGSTK_TST_SRC/AA**	The directory will change to where the Toolkit and testdriver are stored.	
9	Enter: **$PGSTK_TST_SRC/Common/cleanup.csh AA**	Clean up files which were produced by previous test	
10	Enter: **$PGSTK_TST_SRC/Common/createPCF.csh AA**		
Step No.	**Step Description/Operator Action**	**Expected Results**	**Observations/Comments**
11	Enter: **setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF**		

12	Enter: **ls -l PGS_AA_2Dgeo***	List of files are displayed	
13	Enter: **make PGS_AA_2Dgeo_Driver_c**	The driver will compile without errors	**Note: For SGI test, change the command to: make PGS-AA-2Dgeo_Driver_f**
14	Remove the test input data Enter: **mv PGS_AA_2Dgeo_Driver.in PGS_AA_2Dgeo_Driver.in.save**		
15	Enter: **PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in**	The driver will not run due to data unavailability and an message " **PGS_AA_2Dgeo_Driver.in : No such file or directory**"	**For SGI test, change the command to:** **PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in**
16	Restore the test input data Enter: **mv PGS_AA_2Dgeo_Driver.in.save PGS_AA_2Dgeo_Driver.in**		
17	Enter: **PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in**	The driver will run without errors and results of running the test driver will be saved in an output file	**For SGI test, change the command to:** **PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in**
18	Enter: **ls -l PGS_AA_2Dgeo***	List of files are displayed	
19	Enter: **diff PGS_AA_2Dgeo_Driver_c.out_sample PGS_AA_2Dgeo_Driver_C.out.***	Expect differences in machine name, output file name, Time, Date.	**Note: For SGI test, change the command to: diff PGS_AA_2Dgeo_Driver_f.out_sample PGS_AA_2Dgeo_Driver_f77.out** **Expect no difference since in the FORTRAN output file have no machine name or time stamp were logged.**
20	Enter: **exit**	Out of the script	
21	Logoff the workstation		
22	Repeat the steps 1 - 21 for SGI machine		

3.13.9.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)	
Test Case Name:	**Missing Data Test Procedures (B03.10.06)**	
Test Case ID:	**TC 13.9**	
Test Location:	EDF DAAC:	
S/W Config./ Version:	DAAC Toolkit Test driver PGS_AA_2Dgeo_Driver_c.c , and makefile	
H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov**	
Test Data:	Test data PGS_AA_2Dgeo_Driver.in and sample output file PGS_AA_2Dgeo_Driver_c.out_sample	
Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 13:19:43	Tester(s): Ping-Chieh. Chang (pchang)

Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), Shiheng Cheng (IV&V)
Comments:
NCRs Verified: N/A
NCRs Un-Verified: N/A

Pass	Fail	Partial Pass/Fail	
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.9

****

Date/Time: Wed Dec 6 13:19:43 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

pchang 28847 28846 48 13:19:43 pts/16 0:00 ps -aef

pchang 28832 28196 18 13:19:33 pts/16 0:00 /bin/sh env3

pchang 28846 28832 9 13:19:43 pts/16 0:00 grep pchang

pchang 28196 28169 80 13:07:13 pts/16 0:01 /bin/csh

pchang 28169 28167 80 13:06:59 pts/16 0:01 -csh

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data
```

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.9

Output Data:

```
Script started on Wed Dec 06 13:19:58 1995

Mercury environment set

dps3sunedf{pchang}1: source /  Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/de p  pgs-dev-env.csh

dps3sunedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers

dps3sunedf{pchang}3: setenv PGSTK_TST_SRC     BIN .

dps3sunedf{pchang}4: setenv PGS     CSSLIB /Ir1_IT/CSS/lib

dps3sunedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers/AA

dps3sunedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA


Removing test files in /Ir1_IT/daac_test_drivers/AA ...


dps3sunedf{pchang}7: $PGSTK_TST_SRC/Comon/createP         mon/C createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/daac_toolkit/TOOLKIT/AAdata'


dps3sunedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF

dps3sunedf{pchang}9: ls -l PGS_AA_2Dgeo*
```

```
-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps3sunedf{pchang}10: make PGS_AA_2Dgeo_Driver_c
USING LIBRARY IN /data3/daac_toolkit/TOOLKIT/lib/sun5 TO COMPILE
\rm -f ./PGS_AA_2Dgeo_Driver_c
\rm -f PGS_AA_2Dgeo_Driver_c.o
dps3sunedf{pchang}11: mv PGS_AA_2Dgeo_Driver.in PGS_AA_2Dgeo_Driver.in.save
dps3sunedf{pchang}12: PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in
PGS_AA_2Dgeo_Driver.in: No such file or directory
dps3sunedf{pchang}13: mv PGS_AA_2Dgeo_Driver.in.save PGS_AA_2Dgeo_Driver.in
dps3sunedf{pchang}14: ls -l PGS         PGS_AA_2Dgeo_Driver_c < PGS_AA_2Dgeo_Driver.in
[H[2J


    ****************************


    Testing AA_2Dgeo Tool
```

```
****************************

Input Test Case :

Input Test Name :  Start Date/Time:          Wed Dec  6 13:30:04 1995


Test Case:          PGS_AA_2Dgeo_Driver.in


Enter the number of parameters:


Enter the parameters requested:


Enter the number of points
```

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: DEV_TEST

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: 20

Results: 64

Results: 1

Results: -29

Results: -30

Results: -18

Results: 124

Results: 203

Results: 178

Results: 62

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: No_Param

--Toolkit Input Parameters--

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85510

ERROR: PGSAA_E_INVALIDNOPARMS: no of parms incorrect

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter the fileid

Enter the version

Enter the operation

Test Name: No_Points

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: WrongFileID

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 1000

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85512

ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: ZeroOperation

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 0

--Toolkit Return Values--

Toolkit return value: 85538

ERROR: PGSAA_E_GEOERROR: error in GEO extraction

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: ZeroVersion

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 0

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85512

ERROR: PGSAA_E_CANTFINDFILE: format or input data file inaccessible

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: IncorectParam

--Toolkit Input Parameters--

The parameters are: HAIS

The latitude: 51.500000

The longitude: 0.166667

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85505

ERROR: PGSAA_E_SUPPORTFILE: support or format files inaccessible

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: BadLatLong

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 190.000000

The longitude: 2000.000000

The latitude: 51.236660

The longitude: 0.383200

The latitude: 50.973333

The longitude: 0.599900

The latitude: 50.709999

The longitude: 0.816500

The latitude: 50.446666

The longitude: 1.033256

The latitude: 50.183300

The longitude: 1.249000

The latitude: 49.919999

The longitude: 1.460000

The latitude: 49.656666

The longitude: 1.683200

The latitude: 49.393300

The longitude: 1.899900

The latitude: 48.866666

The longitude: 2.333333

The fileid: 10955

The version: 1

The operation: 1

--Toolkit Return Values--

Toolkit return value: 85538

ERROR: PGSAA_E_GEOERROR: error in GEO extraction

** Continue? (yY/nN):

Input Test Name :

Enter the number of parameters:

Enter the parameters requested:

Enter the number of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter the fileid

Enter the version

Enter the operation

Test Name: Test interpolation operation (4) - get four points and then go between them.

--Toolkit Input Parameters--

The parameters are: etop05SeaLevelElevM

The latitude: 60.541667

The longitude: 0.041667

The latitude: 60.541667

The longitude: 0.125000

The latitude: 60.625000

The longitude: 0.041667

The latitude: 60.625000

The longitude: 0.125000

The latitude: 60.583333

The longitude: 0.041667

The latitude: 60.541667

The longitude: 0.083333

The latitude: 60.583333

The longitude: 0.125000

The latitude: 60.625000

The longitude: 0.083333

The latitude: 60.583333

The longitude: 0.083333

The fileid: 10955

The version: 1

The operation: 4

--Toolkit Return Values--

Toolkit return value: 0

PGS_S_SUCCESS: SUCCESSFUL operation

Results: -114

Results: -119

Results: -114

Results: -120

Results: -114

Results: -116

Results: -119

Results: -117

Results: -117

```
 ** Continue?  (yY/nN):

End Date/Time:   Wed Dec  6 13:39:30 1995

dps3sunedf{pchang}15: ls -l PGS_AA_2Deg  geo*
-r--r--r--   1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    393332 Dec  6 13:26 PGS_AA_2Dgeo_Driver_c
-r--r--r--   1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-rw-rw-r--   1 pchang   Ir1_IT      7424 Dec  6 13:39 PGS_AA_2Dgeo_Driver_c.out.Dec__6_13:30:04_1995
-r--r--r--   1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps3sunedf{pchang}16: diff  PGS_AA_2Dgeo_Driver_c.out_sample  PGS_AA_2Dgeo_Driver_c.out.Dec__6_13:30:04_1995
1c1
< Machine Name - deuce
---
> Machine Name - dps3sunedf
4c4
< *****----- PGS_AA_2Dgeo_Driver_c.out.Jul_20_18:10:52_1995 -----*****
```

```
---
> *****----- PGS_AA_2Dgeo_Driver_c.out.Dec__6_13:30:04_1995 -----*****
7c7
< Start Date/Time:          Thu Jul 20 18:10:52 1995
---
> Start Date/Time:          Wed Dec  6 13:30:04 1995
407c407
< End Date/Time:            Thu Jul 20 18:21:00 1995
---
> End Date/Time:            Wed Dec  6 13:39:30 1995
dps3sunedf{pchang}17: exit
script done on Wed Dec 06 13:46:19 1995


 TEST CASE IDENTIFICATION:  TC13.9_sgi
 *************************
 Date/Time: Mon Dec 11 11:45:47 EST 1995
 *********
 TEST CONDUCTOR: pchang
 **************
 The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:
```

```
**************************************************

IRIX64 dps1sgiedf 6.1 07121823 IP21 mips


 LIST OF ACTIVE PROCESSES:

 ************************

  pchang 13771 13770  4 11:45:47 pts/1    0:00 ps -edf

  pchang 13770 13762  3 11:45:47 pts/1    0:00 grep pchang

  pchang 13762 13378  8 11:45:37 pts/1    0:00 /bin/sh env3

  pchang 13364 13363  0 11:23:36 pts/1    0:00 -csh

  pchang 13378 13364  0 11:24:32 pts/1    0:00 /bin/csh

  pchang 13137 13136  0 11:11:26 pts/6    0:00 -csh



 TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

 ************************************************

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat
```

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

IFS=

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=IRIX64

selection=1

testid=TC13.9_sgi

Output Data:

Script started on Mon Dec 11 11:46:20 1995

dps1sgiedf{pchang}1: source /Ir1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh

dps1sgiedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers_old32_f77

dps1sgiedf{pchang}3:

dps1sgiedf{pchang}3: setenv PGSTK_TST_BIN .

dps1sgiedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps1sgiedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers_old32_f77/AA

dps1sgiedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA

Removing test files in /Ir1_IT/daac_test_drivers_old32_f77/AA ...

```
dps1sgiedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA


Setting up test PCF to use '/Ir1_IT/AAdata'


dps1sgiedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF
dps1sgiedf{pchang}9:  ls -l PGS_AA_2Dgeo*
-r--r--r--    1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--    1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-r--r--r--    1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--    1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--    1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps1sgiedf{pchang}10:  make  PGS_AA_2Dgeo_Driver_f
Copying FORTRAN include files to local directory...
PGS_AA_10.f
PGS_SMF.f
USING LIBRARY IN /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi TO COMPILE
      \rm -f ./PGS_AA_2Dgeo_Driver_f
PGS_AA_2Dgeo_Driver_f.f:
/Ir1_IT/daac_test_drivers_old32_f77/Common/Create_filename_f77.f:
ld: WARNING 85: definition of set_var in /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAvar.o) preempts that definition in /usr/lib/libftn.so.
```

```
ld: WARNING 34: error defined in /usr/lib/libftn.so has different type than error defined in
/vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAformlist.o)

ld: WARNING 85: definition of error in /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi/libPGSTK.a(AAformlist.o) preempts that definition in /usr/lib/libftn.so.

    \rm -f PGS_AA_2Dgeo_Driver_f.o

    \rm -f Create_filename_f77.o

    \rm -f PGS_AA_10.f   PGS_SMF.f

dps1sgiedf{pchang}11: mv PGS_AA_2Dgeo_Driver.in PGS_AA_2Dgeo_Driver.in.save

dps1sgiedf{pchang}12:  PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in

PGS_AA_2Dgeo_Driver.in - No such file or directory

dps1sgiedf{pchang}13: mv  PGS_AA_2Dgeo_Driver.in.save PGS_AA_2Dgeo_Driver.in

dps1sgiedf{pchang}14: PGS_AA_2Dgeo_Driver_f < PGS_AA_2Dgeo_Driver.in



++++++++++++++++++++++++++++++++++++++++++++++

   Testing PGS_AA_2Dgeo Tool

++++++++++++++++++++++++++++++++++++++++++++++

Enter test case name:
```

Enter test name:

Test Case: PGS_AA_2Dgeo_Driver.in

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: DEV_TEST

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = 20

Results (2) = 64

Results (3) = 1

Results (4) = -29

Results (5) = -30

Results (6) = -18

```
Results (   7) =       124

Results (   8) =       203

Results (   9) =       178

Results (  10) =        62

***Continue?  (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->
Enter the parameter requested
Enter the number of points

Number of points -->
Enter the latitude and longitude
```

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

```
Enter the FileId

        FileId -->

Enter the version

        Version -->

Enter the operation

        Operation -->

        Test Name: No_Param

        ---Toolkit Input Parameters---

        Latitude  (   1) =     51.5000000

        Longitude (   1) =      0.1666666
```

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85510

*******ERROR: PGSAA_E_INVALIDNOPARMS

*******PGS_SMF_ERROR_MSG: no of parms incorrect

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: No_Points

```
---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

FileId: 10955

Version:    1

Operation:    1

---Toolkit Return Values---

Toolkit Return Values:          0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

***Continue?  (yY/nN):
```

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

```
Enter the operation

        Operation -->

        Test Name: WrongFileID

        ---Toolkit Input Parameters---

        Parameter: etop05SeaLevelElevM

        Latitude  (   1) =     51.5000000

        Longitude (   1) =      0.1666666

        Latitude  (   2) =     51.2366600

        Longitude (   2) =      0.3832000

        Latitude  (   3) =     50.9733330
```

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 1000

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85512

*******ERROR: PGSAA_E_CANTFINDFILE

*******PGS_SMF_ERROR_MSG: format or input data file inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

```
Enter the FileId

        FileId -->

Enter the version

        Version -->

Enter the operation

        Operation -->

        Test Name: ZeroOperation

        ---Toolkit Input Parameters---

        Parameter: etop05SeaLevelElevM

        Latitude  (   1) =     51.5000000
```

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 0

---Toolkit Return Values---

Toolkit Return Values: 85538

*******ERROR: PGSAA_E_GEOERROR

*******PGS_SMF_ERROR_MSG: error in GEO extraction

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: ZeroVersion

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 0

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85512

*******ERROR: PGSAA_E_CANTFINDFILE

*******PGS_SMF_ERROR_MSG: format or input data file inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: IncorectParam

---Toolkit Input Parameters---

Parameter: HAIS

Latitude (1) = 51.5000000

Longitude (1) = 0.1666666

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

Version: 1

Operation: 1

---Toolkit Return Values---

Toolkit Return Values: 85505

*******ERROR: PGSAA_E_SUPPORTFILE

*******PGS_SMF_ERROR_MSG: support or format files inaccessible

***Continue? (yY/nN):

Input Test Name:

Enter the number of parameters requested

Number of parameters -->

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Latitude (*) -->

Longitude (*) -->

```
Enter the FileId

        FileId -->

Enter the version

        Version -->

Enter the operation

        Operation -->

        Test Name: BadLatLong

        ---Toolkit Input Parameters---

        Parameter: etop05SeaLevelElevM

        Latitude  (   1) =    190.0000000
```

Longitude (1) = 2000.0000000

Latitude (2) = 51.2366600

Longitude (2) = 0.3832000

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

FileId: 10955

```
        Version:    1

        Operation:    1

        ---Toolkit Return Values---

        Toolkit Return Values:      85538

        *******ERROR: PGSAA_E_GEOERROR

        *******PGS_SMF_ERROR_MSG: error in GEO extraction

***Continue?  (yY/nN):

        Input Test Name:

Enter the number of parameters requested

        Number of parameters -->
```

Enter the parameter requested

Parameter (1) -->

Enter the number of points

Number of points -->

Enter the latitude and longitude

Latitude (1) -->

Longitude (1) -->

Latitude (2) -->

Longitude (2) -->

Latitude (3) -->

Longitude (3) -->

Latitude (4) -->

Longitude (4) -->

Latitude (5) -->

Longitude (5) -->

Latitude (6) -->

Longitude (6) -->

Latitude (7) -->

Longitude (7) -->

Latitude (8) -->

Longitude (8) -->

Latitude (9) -->

Longitude (9) -->

Enter the FileId

FileId -->

Enter the version

Version -->

Enter the operation

Operation -->

Test Name: Test interpolation operation (4) - get four points and then go between them.

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude (1) = 60.5416667

Longitude (1) = 0.0416667

Latitude (2) = 60.5416667

Longitude (2) = 0.1250000

Latitude (3) = 60.6250000

Longitude (3) = 0.0416667

Latitude (4) = 60.6250000

Longitude (4) = 0.1250000

Latitude (5) = 60.5833333

Longitude (5) = 0.0416667

Latitude (6) = 60.5416667

Longitude (6) = 0.0833333

Latitude (7) = 60.5833333

Longitude (7) = 0.1250000

Latitude (8) = 60.6250000

Longitude (8) = 0.0833333

Latitude (9) = 60.5833333

Longitude (9) = 0.0833333

FileId: 10955

Version: 1

Operation: 4

---Toolkit Return Values---

Toolkit Return Values: 0

Mnemonic: PGS_S_SUCCESS

PGS_SMF_Message: SUCCESSFUL operation

Results (1) = -114

Results (2) = -119

Results (3) = -114

Results (4) = -120

```
Results (   5) =       -114

Results (   6) =       -116

Results (   7) =       -119

Results (   8) =       -117

Results (   9) =       -117

***Continue?  (yY/nN):
dps1sgiedf{pchang}15: ls -l PGS_AA_2Dgeo*
-r--r--r--    1 jwatts   users       1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--    1 jwatts   users      16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-r--r--r--    1 jwatts   users       7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-rwxr-xr-x    1 pchang   Ir1_IT    492272 Dec 11 11:48 PGS_AA_2Dgeo_Driver_f
-r--r--r--    1 jwatts   users      21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--    1 jwatts   users      16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
-rw-rw-r--    1 pchang   Ir1_IT     16094 Dec 11 11:53 PGS_AA_2Dgeo_Driver_f77.out
dps1sgiedf{pchang}16: diff PGS_AA_2Dgeo_Driver_f.out_sample  PGS_AA_2Dgeo_Driver_f77.out
```

dps1sgiedf{pchang}17: exit

dps1sgiedf{pchang}18:

script done on Mon Dec 11 11:56:13 1995

3.13.9.4 Recommendations and Conclusions

Test verified that the data access processing failed when data was not available. Once the data was available then the tester resumed the execution with successful results. Again, for site tests only run on the science processor - SGI.

3.13.10 Erroneous Data (B03.10.07)

3.13.10.1 Test Summary

Test verified that the ancillary data access did not succeed if the input data was incorrect. See the test procedure for more detail.

3.13.10.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Enter: <**login id at EDF**> on the workstation at EDF (SUN or SGI)	'Password' will be displayed.	Assume that DAAC Toolkit and Test Drivers are installed in the AIT workstation
2	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	

3	Enter: **script TC13.10_log** on the workstation at EDF.	All input/output to the workstation will be recorded in the log file.	
4	Enter: **source /lr1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh**		**Note: For SGI test, change the command to : source /lr1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh**
5	Enter: **setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers**		**Note: For SGI test, change the command to : setenv PGSTK_TST_SRC /lr1_IT/daac_test_drivers_old32_f77**
6	Enter: **setenv PGSTK_TST_BIN .**		
7	Enter: **setenv CSSLIB /lr1_IT/CSS/lib**		**Note: This lib is used to run "old 32 bit" mode in SGI. No test will run be for "new 32 bit" and "64 bit" mode on SGI.**
8	Enter: **cd $PGSTK_TST_SRC/AA**	The directory will change to where the Toolkit and testdriver are stored.	
9	Enter: **$PGSTK_TST_SRC/Common/cleanup.csh AA**	Clean up files which were produced by previous test	
10	Enter: **$PGSTK_TST_SRC/Common/createPCF.csh AA**		
11	Enter: **setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF**		
12	Enter: **ls -l PGS_AA_dcw***		
13	Enter: **ls -l PGS_AA_2Dgeo***		
14	Enter: **make PGS_AA_dcw_Driver_c**	The driver will compile without errors	**Note: For SGI test, change the command to: make PGS-AA-dcw_Driver_f**
15	Enter: **PGS_AA_dcw_Driver_c < PGS_AA_2Dgeo_Driver.in**	The driver will run with error and indicate it is due to data incompable, A **PGSAA** error message displayed.	**For SGI test, change the command to: PGS_AA_dcw_Driver_f < PGS_AA_2Dgeo_Driver.in**
16	Enter: **exit**	Out of the script	

17	Logoff the workstation		
18	Repeat the steps 1 - 16 for SGI machine		

3.13.10.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)
Test Case Name:	**Erroneous Data Test Procedures (B03.10.07)**
Test Case ID:	**TC 13.10**
Test Location:	EDF DAAC:
S/W Config./ Version:	DAAC Toolkit Test driver PGS_AA_dcw_Driver_c.c , and makefile
H/W Config./ Host Names:	**dps3sunedf.gsfc.nasa.gov**
Test Data:	Test data PGS_AA_2Dgeo_Driver.in

Test Tools/ Scripts:		
Test Date:12 - 06 - 95	Test Time: 13:46:51	Tester(s): Ping-Chieh. Chang (pchang)
Witness(es):John Dennison (IV&V), Frank Gallant (IV&V), Shiheng Cheng (IV&V)		
Comments:		
NCRs Verified:	N/A	
NCRs Un-Verified:	N/A	
Pass	Fail	Partial Pass/Fail

TEST CASE IDENTIFICATION: TC13.10

****

Date/Time: Wed Dec 6 13:46:39 EST 1995

****

TEST CONDUCTOR: pchang

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

SunOS dps3sunedf 5.4 Generic_101945-27 sun4m sparc

LIST OF ACTIVE PROCESSES:

****

pchang 29634 29633 48 13:46:39 pts/16 0:00 ps -aef

```
pchang 29623 28196 17 13:46:30 pts/16   0:00 /bin/sh env3
pchang 29633 29623  6 13:46:39 pts/16   0:00 grep pchang
pchang 28196 28169 80 13:07:13 pts/16   0:01 /bin/csh
pchang 28169 28167 80 13:06:59 pts/16   0:01 -csh
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

```
AB_CARDCATALOG=/home/ab/ab_cardcatalog
ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include
ADD_LFLAGS=-L/Ir1_IT/CSS/lib
ADD_LIBS=-lEcUtLogC -lnsl
ARCH=sun5
AUTOSERV=A31
AUTOSYS=/data/autotree1/autosys
AUTOUSER=/data/autotree1/autouser
BRAND=sun5
CC=cc
CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC
CFH_F77=
```

CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

ADD_IFLAGS=-I/Ir1_IT/CSS/include -I/Ir1_IT/CSS/include

ADD_LFLAGS=-L/Ir1_IT/CSS/lib

ADD_LIBS=-lEcUtLogC -lnsl

ARCH=sun5

AUTOSERV=A31

AUTOSYS=/data/autotree1/autosys

AUTOUSER=/data/autotree1/autouser

BRAND=sun5

CC=cc

CFHFLAGS=-O -Xa -DsunFortran -DPGS_DAAC

CFH_F77=

```
CFLAGS=-O -Xa -DPGS_DAAC

COLUMNS=80

C_CFH=-DsunFortran

C_F77_CFH=-DsunFortran

C_F77_LIB=

DPATMGR_BIN=/data3/AI_T/bin/sun5

DPATMGR_BINDIFF_ENV=/data3/AI_T/src

DPATMGR_DAT=/data3/AI_T/data

DPATMGR_HOME=/data3/AI_T

DPATMGR_MSG=/data3/AI_T/message

DPATMGR_RUN=/data3/AI_T/runtime

DPATMGR_SRC=/data3/AI_T/src

DPAT_EVENTLOG=/usr/local/hislog/pdps_event.log

DSQUERY=nickalus_srvr

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data
```

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

EOSVIEWHELPDIR=/data3/AI_T/data

F77=f77

F77FLAGS=

F77_CFH=

F77_C_CFH=

F77_C_LIB=-lm

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HDFBIN=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin

HDFHOME=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4

HDFINC=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/include

HDFLIB=/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/lib

HDFSYS=SUN

HOME=/home/pchang

```
HOST=dps3sunedf

HZ=100

IDL_DIR=/data/IDL/idl_4

IDL_PATH=+/data/IDL/idl_4/lib:+/data/IDL/idl_4/examples

IFS=


LD_LIBRARY_PATH=/usr/openwin/lib:/opt/SUNWmotif/lib:/usr/openwin/lib:/opt/SUNWmotif/lib

LINES=24

LOGNAME=pchang

MACHINE=sun4m

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man:/usr/openwin/man

MERCURY_ELMHOST=sim

MOTIFHOME=/opt/SUNWmotif

M_LROOT=/net/sim.hitc.com/data/tools/QA/lrunner

M_ROOT=/net/sim.hitc.com/data/tools/QA/xrunner

NNTPSERVER=newsroom

OPENWINHOME=/usr/openwin

OPTIND=1
```

OSTYPE=SunOS

PATH=/usr/local/bin:/opt/SUNWspro/bin:/bin:/usr/bin:/etc:/usr/etc:/usr/ucb:/usr/openwin/bin:/usr/openwin/demo:/usr/ccs/bin:/usr/sbin:/home/ddts/bin:/net/sim.hitc.com/data/tools/QA/xrunner/bin:/net/sim.hitc.com/data/tools/QA/xrunner/elm:/net/sim.hitc.com/data/tools/QA/lrunner/bin:/net/sim.hitc.com/data/tools/QA/lrunner/samples/lrbin:/usr/atria/bin:/ecs/triggers:/ecs/cm/triggers:.:/tools/bin:/usr/local/xvnews:/data3/AI_T/TOOLKIT/bin/sun5:/data3/AI_T/TOOLKIT/hdf/sun5/HDF3.3r4/hdf/bin:/data3/AI_T/bin/sun5:/usr/openwin/bin/:/opt/SUNWspro/bin/:/opt/SUNWwabi/bin/:/usr/bin:/usr/local/bin/:/data3/AI_T/TOOLKIT/bin

PGSBIN=/data3/AI_T/TOOLKIT/bin/sun5

PGSDAT=/data3/AI_T/TOOLKIT/database/sun5

PGSHOME=/data3/AI_T/TOOLKIT

PGSINC=/data3/AI_T/TOOLKIT/include

PGSLIB=/data3/AI_T/TOOLKIT/lib/sun5

PGSMSG=/data3/AI_T/TOOLKIT/message

PGSOBJ=/data3/AI_T/TOOLKIT/obj/sun5

PGSRUN=/data3/AI_T/TOOLKIT/runtime

PGSSRC=/data3/AI_T/TOOLKIT/src

PGSTST=/data3/AI_T/TOOLKIT/test

PGS_PC_INFO_FILE=/Ir1_IT/AI_T/data/myPcf

PRINTER=mss3hpedf

PWD=/home/pchang

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

SYBASE=/vendor/sybase

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=US/Eastern

UIDPATH=/data3/AI_T/data/eosview.uid

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=SunOS

selection=1

testid=TC13.10

Output Data:

```
TEST CASE IDENTIFICATION:  TC13.10_sgi
************************


Date/Time: Mon Dec 11 12:07:03 EST 1995
*********


TEST CONDUCTOR: pchang
**************
```

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

IRIX64 dps1sgiedf 6.1 07121823 IP21 mips

LIST OF ACTIVE PROCESSES:

****

```
pchang 14102 14093  2 12:07:03 pts/1    0:00 grep pchang
pchang 13364 13363  0 11:23:36 pts/1    0:00 -csh
pchang 13378 13364  0 11:24:32 pts/1    0:00 /bin/csh
pchang 14103 14102  7 12:07:03 pts/1    0:00 ps -edf
pchang 14093 13378  5 12:06:55 pts/1    0:00 /bin/sh env3
```

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

SHELL VARIABLES AND THEIR VALUES:

****

AB_CARDCATALOG=/home/ab/ab_cardcatalog

COLUMNS=80

ECS_DEFAULT_PROFILE=/.:/Ir1/cell-profile

ECS_INGEST_DAA_ERROR_FILE=/Ir1_IT/INGEST/data/DAAErrorFile.dat

ECS_INGEST_DDN_ERROR_FILE=/Ir1_IT/INGEST/data/DDNErrorFile.dat

ECS_INGEST_EXE=/Ir1_IT/INGEST/bin/sun5/SessServer

ECS_INGEST_FTP_LOCAL_PATH=/Ir1_IT/INGEST/temp_store

ECS_INGEST_HOST_FILE_PATH=/Ir1_IT/INGEST/data

ECS_INGEST_POLL_TIMER=28800

ECS_INGEST_SESSION_FILE_PATH=/Ir1_IT/INGEST/bin/sun5/IngestSessions.txt

GatewayCDSGatewayGroupEnv=/.:/Ir1/Gateway/gatewaygroup

GatewayCDSGatewayServerEnv=/.:/Ir1/Gateway/gateway

GatewayCDSIngestGroupEnv=/.:/Ir1/Ingest/ingestgroup

GatewayCDSIngestServerEnv=/.:/Ir1/Ingest/ingestserver

GatewayCDSIngestSessionEnv=/.:/Ir1/Ingest/insessionserver

GatewayCDSProfileNameEnv=/.:/Ir1/cell-profile

HOME=/home/pchang

HOST=dps1sgiedf

HZ=100

IFS=

KAP_CODEKEY=kkjjjmjklmjnbbiomeljjqjb

KAP_SERIAL=10182N

LANG=C

LD_LIBRARY_PATH=/opt/SUNWmotif/lib:/usr/openwin/lib

LINES=24

LOGNAME=pchang

MAIL=/var/spool/mail/pchang

MAILCHECK=600

MANPATH=/opt/SUNWspro/man:/usr/man:/usr/man:/usr/openwin/man:/opt/SUNWmfdoc/man:/usr/local/man

MOTIFHOME=/opt/SUNWmotif

MSGVERB=text:action

NNTPSERVER=newsroom

NOMSGLABEL=1

NOMSGSEVERITY=1

OPENWINHOME=/usr/openwin

OPTIND=1

OSTYPE=IRIX64

PATH=.:/usr/bin:/usr/etc:/usr/etc/yp:/usr/local/bin:/etc:/bin:/usr/bsd:/usr/sbin:/usr/bin/X11:/usr/openwin/bin:/usr/openwin/demo:/usr/openwin/bin/xview:/usr/atria/bin:/usr/ccs/bin:/usr/epoch/bin:/usr/epoch/EB/bin:/opt/SUNWspro/bin:/opt/SUNWmotif/bin:/opt/SUNWmotif/demo:/opt/SoftWindows/bin:/tools/bin:/usr/ucb:/home/ddts/bin:/ecs/triggers:/ecs/cm/triggers:/usr/local/xvnews

PRINTER=mss3hpedf

PWD=/vol0/users/pchang

REMOTEHOST=kazon.HITC.COM

REMOTEUSER=UNKNOWN

SHELL=/bin/csh

SWINHOME=/opt/SoftWindows

TERM=xterm

TEST_BASE_PATH=/Ir1_IT

TZ=EST5EDT

UIDPATH=%U:/opt/SUNWmotif/lib/uid/%U

USER=pchang

XFILESEARCHPATH=/usr/openwin/lib/app-defaults/%N:/opt/SUNWmotif/lib/%T/%N%S

XMBINDDIR=/opt/SUNWmotif/etc/key_bindings

platform=IRIX64

selection=1

testid=TC13.10_sgi

Output Data:

Script started on Mon Dec 11 11:56:43 1995

dps1sgiedf{pchang}1: source /Ir1_IT/daac_toolkit_f77/TOOLKIT/bin/sgi/pgs-dev-env.csh

dps1sgiedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers_old32_f77

dps1sgiedf{pchang}3: setenv PGSTK_TST_BIN .

dps1sgiedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps1sgiedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers_old32_f77/AA

dps1sgiedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA

Removing test files in /Ir1_IT/daac_test_drivers_old32_f77/AA ...

dps1sgiedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA

```
Setting up test PCF to use '/Ir1_IT/AAdata'


dps1sgiedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF

dps1sgiedf{pchang}9: ls -l PGS_AA_*

-r--r--r--   1 jwatts   users       334 Dec  5  1994 PGS_AA_2DRead_Driver.in

-r--r--r--   1 jwatts   users     17109 Jul 14 07:11 PGS_AA_2DRead_Driver_c.c

-r--r--r--   1 jwatts   users      5573 Jun 30 09:16 PGS_AA_2DRead_Driver_c.out_sample

-r--r--r--   1 jwatts   users     22413 Jun 21 12:02 PGS_AA_2DRead_Driver_f.f

-r--r--r--   1 jwatts   users     18916 Jun 30 09:16 PGS_AA_2DRead_Driver_f.out_sample

-r--r--r--   1 jwatts   users      1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in

-r--r--r--   1 jwatts   users     16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c

-r--r--r--   1 jwatts   users      7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample

-r--r--r--   1 jwatts   users     21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f

-r--r--r--   1 jwatts   users     16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample

-r--r--r--   1 jwatts   users       200 Dec  5  1994 PGS_AA_3DRead_Driver.in

-r--r--r--   1 jwatts   users     18672 Jul 14 07:12 PGS_AA_3DRead_Driver_c.c

-r--r--r--   1 jwatts   users      5952 Jun 30 09:16 PGS_AA_3DRead_Driver_c.out_sample

-r--r--r--   1 jwatts   users     23731 Jun 21 12:02 PGS_AA_3DRead_Driver_f.f

-r--r--r--   1 jwatts   users      9385 Jun 30 09:16 PGS_AA_3DRead_Driver_f.out_sample

-r--r--r--   1 jwatts   users      1462 Jul  3 11:24 PGS_AA_3Dgeo_Driver.in
```

```
-r--r--r--   1 jwatts   users      17443 Jul 14 07:12 PGS_AA_3Dgeo_Driver_c.c
-r--r--r--   1 jwatts   users       8553 Jul  8 09:06 PGS_AA_3Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22515 Jul  3 10:44 PGS_AA_3Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users      17115 Jul  8 09:06 PGS_AA_3Dgeo_Driver_f.out_sample
-r--r--r--   1 jwatts   users        959 Jul 12 10:41 PGS_AA_PeVA_integer_Driver.in
-r--r--r--   1 jwatts   users      15672 Jul 14 07:12 PGS_AA_PeVA_integer_Driver_c.c
-r--r--r--   1 jwatts   users       2947 Jul 13 13:50 PGS_AA_PeVA_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users      18365 Jun 28 18:00 PGS_AA_PeVA_integer_Driver_f.f
-r--r--r--   1 jwatts   users       6047 Jul 13 13:50 PGS_AA_PeVA_integer_Driver_f.out_sample
-r--r--r--   1 jwatts   users        910 Jul 12 10:41 PGS_AA_PeVA_real_Driver.in
-r--r--r--   1 jwatts   users      15651 Jul 14 07:12 PGS_AA_PeVA_real_Driver_c.c
-r--r--r--   1 jwatts   users       3254 Jul  8 09:16 PGS_AA_PeVA_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users      18321 Jun 28 18:00 PGS_AA_PeVA_real_Driver_f.f
-r--r--r--   1 jwatts   users       6227 Jul 13 13:50 PGS_AA_PeVA_real_Driver_f.out_sample
-r--r--r--   1 jwatts   users        930 Jul 12 10:41 PGS_AA_PeVA_string_Driver.in
-r--r--r--   1 jwatts   users      16511 Jul 14 07:12 PGS_AA_PeVA_string_Driver_c.c
-r--r--r--   1 jwatts   users       3576 Jul 13 13:51 PGS_AA_PeVA_string_Driver_c.out_sample
-r--r--r--   1 jwatts   users      18442 Jul  6 11:05 PGS_AA_PeVA_string_Driver_f.f
-r--r--r--   1 jwatts   users       6557 Jul 13 13:51 PGS_AA_PeVA_string_Driver_f.out_sample
-r--r--r--   1 jwatts   users        696 Feb 22  1995 PGS_AA_PeV_integer_Driver.in
```

```
-r--r--r--   1 jwatts   users      14432 Jul 14 07:12 PGS_AA_PeV_integer_Driver_c.c
-r--r--r--   1 jwatts   users       1659 Feb 23  1995 PGS_AA_PeV_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users      18007 Jun 21 12:02 PGS_AA_PeV_integer_Driver_f.f
-r--r--r--   1 jwatts   users       3120 Feb 21  1995 PGS_AA_PeV_integer_Driver_f.out_sample
-r--r--r--   1 jwatts   users        691 Feb 22  1995 PGS_AA_PeV_real_Driver.in
-r--r--r--   1 jwatts   users      14674 Jul 14 07:12 PGS_AA_PeV_real_Driver_c.c
-r--r--r--   1 jwatts   users       1694 Feb 23  1995 PGS_AA_PeV_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users      17984 Jun 21 12:02 PGS_AA_PeV_real_Driver_f.f
-r--r--r--   1 jwatts   users       3137 Feb 21  1995 PGS_AA_PeV_real_Driver_f.out_sample
-r--r--r--   1 jwatts   users        697 Feb 22  1995 PGS_AA_PeV_string_Driver.in
-r--r--r--   1 jwatts   users      14648 Jul 14 07:12 PGS_AA_PeV_string_Driver_c.c
-r--r--r--   1 jwatts   users       1693 Feb 23  1995 PGS_AA_PeV_string_Driver_c.out_sample
-r--r--r--   1 jwatts   users      17968 Jun 21 12:02 PGS_AA_PeV_string_Driver_f.f
-r--r--r--   1 jwatts   users       3140 Feb 21  1995 PGS_AA_PeV_string_Driver_f.out_sample
-r--r--r--   1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--   1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--   1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
-r--r-----   1 jwatts   users        211 Jul  3 11:24 PGS_AA_dem_double_Driver.in
```

```
-r--r--r--   1 jwatts   users      18351 Jul 14 07:12 PGS_AA_dem_double_Driver_c.c
-r--r--r--   1 jwatts   users       1030 Jul  8 09:12 PGS_AA_dem_double_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22208 Jul  3 10:44 PGS_AA_dem_double_Driver_f.f
-r--r--r--   1 jwatts   users       1640 Jul  8 09:12 PGS_AA_dem_double_Driver_f.out_sample
-r--r-----   1 jwatts   users       1018 Jul 13 16:46 PGS_AA_dem_integer_Driver.in
-r--r--r--   1 jwatts   users      18206 Jul 14 07:12 PGS_AA_dem_integer_Driver_c.c
-r--r--r--   1 jwatts   users       5148 Jul 13 16:46 PGS_AA_dem_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22175 Jul  3 10:45 PGS_AA_dem_integer_Driver_f.f
-r--r--r--   1 jwatts   users      10252 Jul 13 16:46 PGS_AA_dem_integer_Driver_f.out_sample
-r--r-----   1 jwatts   users        200 Jul  3 11:24 PGS_AA_dem_long_Driver.in
-r--r--r--   1 jwatts   users      18187 Jul 14 07:12 PGS_AA_dem_long_Driver_c.c
-r--r--r--   1 jwatts   users        991 Jul  8 09:12 PGS_AA_dem_long_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22279 Jul  3 10:45 PGS_AA_dem_long_Driver_f.f
-r--r--r--   1 jwatts   users       1613 Jul  8 09:12 PGS_AA_dem_long_Driver_f.out_sample
-r--r-----   1 jwatts   users        206 Jul  3 11:24 PGS_AA_dem_real_Driver.in
-r--r--r--   1 jwatts   users      18330 Jul 14 07:12 PGS_AA_dem_real_Driver_c.c
-r--r--r--   1 jwatts   users       1023 Jul  8 09:12 PGS_AA_dem_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22177 Jul  3 10:45 PGS_AA_dem_real_Driver_f.f
-r--r--r--   1 jwatts   users       1640 Jul  8 09:12 PGS_AA_dem_real_Driver_f.out_sample
dps1sgiedf{pchang}10: ls -l PGS_AA_dcw*
```

```
-r--r--r--    1 jwatts   users       825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-r--r--r--    1 jwatts   users     16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--    1 jwatts   users      4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--    1 jwatts   users     19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--    1 jwatts   users     12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps1sgiedf{pchang}11: ls -l PGS_AA_2Dgeo*
-r--r--r--    1 jwatts   users      1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--    1 jwatts   users     16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-r--r--r--    1 jwatts   users      7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--    1 jwatts   users     21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--    1 jwatts   users     16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
dps1sgiedf{pchang}12: make  PGS_AA_dcw_Driver_f
Copying FORTRAN include files to local directory...
PGS_AA_10.f
PGS_SMF.f
USING LIBRARY IN /vol1/Ir1/daac_toolkit_f77/TOOLKIT/lib/sgi TO COMPILE
        \rm -f ./PGS_AA_dcw_Driver_f
PGS_AA_dcw_Driver_f.f:
/Ir1_IT/daac_test_drivers_old32_f77/Common/Create_filename_f77.f:
        \rm -f PGS_AA_dcw_Driver_f.o
```

```
\rm -f Create_filename_f77.o
\rm -f PGS_AA_10.f   PGS_SMF.f
dps1sgiedf{pchang}13:  PGS_AA_dcw_Driver_f < PGS_AA_2Dgeo_driver      Driver.in
++++++++++++++++++++++++++++++++++++++++++++++
   Testing PGS_AA_dcw Tool
++++++++++++++++++++++++++++++++++++++++++++++
Enter test case name:


Enter test name:


            Test Case: PGS_AA_2Dgeo_Driver.in


Enter the number of parameters requested


            Number of parameters -->


Enter the parameter requested


            Parameter ( 1) -->
```

Enter the number of points

Number of points -->

Enter the latitude and longitude

Enter Latitude (1) -->

Enter Longitude (1) -->

Enter Latitude (2) -->

Enter Longitude (2) -->

Enter Latitude (3) -->

Enter Longitude (3) -->

Enter Latitude (4) -->

Enter Longitude (4) -->

Enter Latitude (5) -->

Enter Longitude (5) -->

Enter Latitude (6) -->

Enter Longitude (6) -->

Enter Latitude (7) -->

Enter Longitude (7) -->

Enter Latitude (8) -->

Enter Longitude (8) -->

Enter Latitude (9) -->

```
Enter Longitude (   9) -->

Enter Latitude  (  10) -->

Enter Longitude (  10) -->

Test Name: DEV_TEST

---Toolkit Input Parameters---

Parameter: etop05SeaLevelElevM

Latitude  (   1) =     51.5000000

Longitude (   1) =      0.1666666

Latitude  (   2) =     51.2366600

Longitude (   2) =      0.3832000
```

Latitude (3) = 50.9733330

Longitude (3) = 0.5999000

Latitude (4) = 50.7099990

Longitude (4) = 0.8165000

Latitude (5) = 50.4466660

Longitude (5) = 1.0332560

Latitude (6) = 50.1833000

Longitude (6) = 1.2490000

Latitude (7) = 49.9199990

Longitude (7) = 1.4600000

Latitude (8) = 49.6566660

Longitude (8) = 1.6832000

Latitude (9) = 49.3933000

Longitude (9) = 1.8999000

Latitude (10) = 48.8666660

Longitude (10) = 2.3333333

---Toolkit Return Values---

Toolkit Return Values: 85544

*******ERROR: PGSAA_E_CANT_FIND_PARM

*******PGS_SMF_ERROR_MSG: Parm input from user cannot be found in dbase

```
***Continue?  (yY/nN):

dps1sgiedf{pchang}14: exit

dps1sgiedf{pchang}15:

script done on Mon Dec 11 12:00:40 1995
```

Output Data:

```
Script started on Wed Dec 06 13:46:51 1995

Mercury environment set

dps3sunedf{pchang}1: source /Ir1_IT/daac_toolkit/TOOLKIT/bin/sun5/pgs-dev-env.csh

dps3sunedf{pchang}2: setenv PGSTK_TST_SRC /Ir1_IT/daac_test_drivers

dps3sunedf{pchang}3: setenv PGSTK_TST_BIN .

dps3sunedf{pchang}4: setenv CSSLIB /Ir1_IT/CSS/lib

dps3sunedf{pchang}5: cd $PGSTK_TST_SRC/AA

/Ir1_IT/daac_test_drivers/AA

dps3sunedf{pchang}6: $PGSTK_TST_SRC/Common/cleanup.csh AA


Removing test files in /Ir1_IT/daac_test_drivers/AA ...


dps3sunedf{pchang}7: $PGSTK_TST_SRC/Common/createPCF.csh AA
```

```
Setting up test PCF to use '/Ir1_IT/daac_toolkit/TOOLKIT/AAdata'


dps3sunedf{pchang}8: setenv PGS_PC_INFO_FILE $PGSTK_TST_SRC/AA/PCF

dps3sunedf{pchang}9: ls -l PGS_AA_dcw*

-r--r--r--   1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in

-r--r--r--   1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c

-r--r--r--   1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample

-r--r--r--   1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f

-r--r--r--   1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample

dps3sunedf{pchang}10: make PGS_AA_dcw_Driver_c

USING LIBRARY IN /data3/daac_toolkit/TOOLKIT/lib/sun5 TO COMPILE

\rm -f ./PGS_AA_dcw_Driver_c

\rm -f PGS_AA_dcw_Driver_c.o

dps3sunedf{pchang}11: PGS_AA_dcw_Driver_c < PGS_AA_2Dgeo_Driver.in

[H[2J

     ******************************

     Testing AA_DCW_Driver Tool

     *******************************

Input Test Case :

Input Test Name :  Start Date/Time:            Wed Dec  6 13:51:07 1995
```

Test Case: PGS_AA_2Dgeo_Driver.in

Enter the number of Parameters

Enter the parameter requested

Enter the # of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Test Name: DEV_TEST

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : etop05SeaLevelElevM

points: 10

Latitude 51.500000

longitude: 0.166667

Latitude 51.236660

longitude: 0.383200

Latitude 50.973333

longitude: 0.599900

Latitude 50.709999

longitude: 0.816500

Latitude 50.446666

longitude: 1.033256

Latitude 50.183300

longitude: 1.249000

Latitude 49.919999

longitude: 1.460000

Latitude 49.656666

longitude: 1.683200

Latitude 49.393300

longitude: 1.899900

Latitude 48.866666

longitude: 2.333333

--Toolkit Return Values--

Toolkit return value: 85544

```
ERROR: PGSAA_E_CANT_FIND_PARM: Parm input from user cannot be found in dbase



** Continue?  (yY/nN):


End Date/Time:   Wed Dec  6 13:51:07 1995


dps3sunedf{pchang}12: ls -l PGS_AA*
-r--r--r--   1 jwatts   users       334 Dec  5  1994 PGS_AA_2DRead_Driver.in
-r--r--r--   1 jwatts   users     17109 Jul 14 07:11 PGS_AA_2DRead_Driver_c.c
-r--r--r--   1 jwatts   users      5573 Jun 30 09:16 PGS_AA_2DRead_Driver_c.out_sample
-r--r--r--   1 jwatts   users     22413 Jun 21 12:02 PGS_AA_2DRead_Driver_f.f
-r--r--r--   1 jwatts   users     18916 Jun 30 09:16 PGS_AA_2DRead_Driver_f.out_sample
-r--r--r--   1 jwatts   users      1819 Jul 20 18:12 PGS_AA_2Dgeo_Driver.in
-r--r--r--   1 jwatts   users     16924 Jul 18 19:03 PGS_AA_2Dgeo_Driver_c.c
-rw-rw-r--   1 pchang   Ir1_IT      907 Dec  6 13:51 PGS_AA_2Dgeo_Driver_c.out.Dec__6_13:51:07_1995
-r--r--r--   1 jwatts   users      7419 Jul 21 07:53 PGS_AA_2Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users     21960 Jul  3 10:44 PGS_AA_2Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users     16094 Jul 21 18:06 PGS_AA_2Dgeo_Driver_f.out_sample
```

```
-r--r--r--   1 jwatts   users       200 Dec  5  1994 PGS_AA_3DRead_Driver.in
-r--r--r--   1 jwatts   users     18672 Jul 14 07:12 PGS_AA_3DRead_Driver_c.c
-r--r--r--   1 jwatts   users      5952 Jun 30 09:16 PGS_AA_3DRead_Driver_c.out_sample
-r--r--r--   1 jwatts   users     23731 Jun 21 12:02 PGS_AA_3DRead_Driver_f.f
-r--r--r--   1 jwatts   users      9385 Jun 30 09:16 PGS_AA_3DRead_Driver_f.out_sample
-r--r--r--   1 jwatts   users      1462 Jul  3 11:24 PGS_AA_3Dgeo_Driver.in
-r--r--r--   1 jwatts   users     17443 Jul 14 07:12 PGS_AA_3Dgeo_Driver_c.c
-r--r--r--   1 jwatts   users      8553 Jul  8 09:06 PGS_AA_3Dgeo_Driver_c.out_sample
-r--r--r--   1 jwatts   users     22515 Jul  3 10:44 PGS_AA_3Dgeo_Driver_f.f
-r--r--r--   1 jwatts   users     17115 Jul  8 09:06 PGS_AA_3Dgeo_Driver_f.out_sample
-r--r--r--   1 jwatts   users       959 Jul 12 10:41 PGS_AA_PeVA_integer_Driver.in
-r--r--r--   1 jwatts   users     15672 Jul 14 07:12 PGS_AA_PeVA_integer_Driver_c.c
-r--r--r--   1 jwatts   users      2947 Jul 13 13:50 PGS_AA_PeVA_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users     18365 Jun 28 18:00 PGS_AA_PeVA_integer_Driver_f.f
-r--r--r--   1 jwatts   users      6047 Jul 13 13:50 PGS_AA_PeVA_integer_Driver_f.out_sample
-r--r--r--   1 jwatts   users       910 Jul 12 10:41 PGS_AA_PeVA_real_Driver.in
-r--r--r--   1 jwatts   users     15651 Jul 14 07:12 PGS_AA_PeVA_real_Driver_c.c
-r--r--r--   1 jwatts   users      3254 Jul  8 09:16 PGS_AA_PeVA_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users     18321 Jun 28 18:00 PGS_AA_PeVA_real_Driver_f.f
-r--r--r--   1 jwatts   users      6227 Jul 13 13:50 PGS_AA_PeVA_real_Driver_f.out_sample
```

```
-r--r--r--   1 jwatts   users       930 Jul 12 10:41 PGS_AA_PeVA_string_Driver.in
-r--r--r--   1 jwatts   users     16511 Jul 14 07:12 PGS_AA_PeVA_string_Driver_c.c
-r--r--r--   1 jwatts   users      3576 Jul 13 13:51 PGS_AA_PeVA_string_Driver_c.out_sample
-r--r--r--   1 jwatts   users     18442 Jul  6 11:05 PGS_AA_PeVA_string_Driver_f.f
-r--r--r--   1 jwatts   users      6557 Jul 13 13:51 PGS_AA_PeVA_string_Driver_f.out_sample
-r--r--r--   1 jwatts   users       696 Feb 22  1995 PGS_AA_PeV_integer_Driver.in
-r--r--r--   1 jwatts   users     14432 Jul 14 07:12 PGS_AA_PeV_integer_Driver_c.c
-r--r--r--   1 jwatts   users      1659 Feb 23  1995 PGS_AA_PeV_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users     18007 Jun 21 12:02 PGS_AA_PeV_integer_Driver_f.f
-r--r--r--   1 jwatts   users      3120 Feb 21  1995 PGS_AA_PeV_integer_Driver_f.out_sample
-r--r--r--   1 jwatts   users       691 Feb 22  1995 PGS_AA_PeV_real_Driver.in
-r--r--r--   1 jwatts   users     14674 Jul 14 07:12 PGS_AA_PeV_real_Driver_c.c
-r--r--r--   1 jwatts   users      1694 Feb 23  1995 PGS_AA_PeV_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users     17984 Jun 21 12:02 PGS_AA_PeV_real_Driver_f.f
-r--r--r--   1 jwatts   users      3137 Feb 21  1995 PGS_AA_PeV_real_Driver_f.out_sample
-r--r--r--   1 jwatts   users       697 Feb 22  1995 PGS_AA_PeV_string_Driver.in
-r--r--r--   1 jwatts   users     14648 Jul 14 07:12 PGS_AA_PeV_string_Driver_c.c
-r--r--r--   1 jwatts   users      1693 Feb 23  1995 PGS_AA_PeV_string_Driver_c.out_sample
-r--r--r--   1 jwatts   users     17968 Jun 21 12:02 PGS_AA_PeV_string_Driver_f.f
-r--r--r--   1 jwatts   users      3140 Feb 21  1995 PGS_AA_PeV_string_Driver_f.out_sample
```

```
-r--r--r--   1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    240492 Dec  6 13:50 PGS_AA_dcw_Driver_c
-r--r--r--   1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--   1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
-r--r-----   1 jwatts   users        211 Jul  3 11:24 PGS_AA_dem_double_Driver.in
-r--r--r--   1 jwatts   users      18351 Jul 14 07:12 PGS_AA_dem_double_Driver_c.c
-r--r--r--   1 jwatts   users       1030 Jul  8 09:12 PGS_AA_dem_double_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22208 Jul  3 10:44 PGS_AA_dem_double_Driver_f.f
-r--r--r--   1 jwatts   users       1640 Jul  8 09:12 PGS_AA_dem_double_Driver_f.out_sample
-r--r-----   1 jwatts   users       1018 Jul 13 16:46 PGS_AA_dem_integer_Driver.in
-r--r--r--   1 jwatts   users      18206 Jul 14 07:12 PGS_AA_dem_integer_Driver_c.c
-r--r--r--   1 jwatts   users       5148 Jul 13 16:46 PGS_AA_dem_integer_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22175 Jul  3 10:45 PGS_AA_dem_integer_Driver_f.f
-r--r--r--   1 jwatts   users      10252 Jul 13 16:46 PGS_AA_dem_integer_Driver_f.out_sample
-r--r-----   1 jwatts   users        200 Jul  3 11:24 PGS_AA_dem_long_Driver.in
-r--r--r--   1 jwatts   users      18187 Jul 14 07:12 PGS_AA_dem_long_Driver_c.c
-r--r--r--   1 jwatts   users        991 Jul  8 09:12 PGS_AA_dem_long_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22279 Jul  3 10:45 PGS_AA_dem_long_Driver_f.f
```

```
-r--r--r--   1 jwatts   users       1613 Jul  8 09:12 PGS_AA_dem_long_Driver_f.out_sample
-r--r-----   1 jwatts   users        206 Jul  3 11:24 PGS_AA_dem_real_Driver.in
-r--r--r--   1 jwatts   users      18330 Jul 14 07:12 PGS_AA_dem_real_Driver_c.c
-r--r--r--   1 jwatts   users       1023 Jul  8 09:12 PGS_AA_dem_real_Driver_c.out_sample
-r--r--r--   1 jwatts   users      22177 Jul  3 10:45 PGS_AA_dem_real_Driver_f.f
-r--r--r--   1 jwatts   users       1640 Jul  8 09:12 PGS_AA_dem_real_Driver_f.out_sample
dps3sunedf{pchang}13: ls -l PGS_AA_dcw*
-r--r--r--   1 jwatts   users        825 Jul  3 11:24 PGS_AA_dcw_Driver.in
-rwxrwxr-x   1 pchang   Ir1_IT    240492 Dec  6 13:50 PGS_AA_dcw_Driver_c
-r--r--r--   1 jwatts   users      16037 Jul 14 07:12 PGS_AA_dcw_Driver_c.c
-r--r--r--   1 jwatts   users       4645 Jul  8 09:09 PGS_AA_dcw_Driver_c.out_sample
-r--r--r--   1 jwatts   users      19962 Jul  3 10:45 PGS_AA_dcw_Driver_f.f
-r--r--r--   1 jwatts   users      12318 Jul  8 09:09 PGS_AA_dcw_Driver_f.out_sample
dps3sunedf{pchang}14:  PGS_AA_dcw_Driver_c
[H[2J


    ******************************


    Testing AA_DCW_Driver Tool
```

```
*******************************

Input Test Case :  ^Cdps3sunedf{pchang}15:

dps3sunedf{pchang}15: ls  PGS_AA_dcw_Driver_c < PGS_AA_2De geo_Driver.in

[H[2J


*******************************

Testing AA_DCW_Driver Tool

*******************************

Input Test Case :

Input Test Name :  Start Date/Time:          Wed Dec  6 13:52:49 1995


Test Case:          PGS_AA_2Dgeo_Driver.in
```

Enter the number of Parameters

Enter the parameter requested

Enter the # of points

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Enter latitude

Enter the longitude

Test Name: DEV_TEST

--Toolkit Input Parameters--

Number of Parameters are: 1

The Parameters are : etop05SeaLevelElevM

points: 10

Latitude 51.500000

longitude: 0.166667

Latitude 51.236660

longitude: 0.383200

Latitude 50.973333

longitude: 0.599900

Latitude 50.709999

longitude: 0.816500

Latitude 50.446666

longitude: 1.033256

Latitude 50.183300

longitude: 1.249000

Latitude 49.919999

longitude: 1.460000

Latitude 49.656666

longitude: 1.683200

Latitude 49.393300

longitude: 1.899900

Latitude 48.866666

longitude: 2.333333

```
--Toolkit Return Values--

 Toolkit return value:       85544

 ERROR: PGSAA_E_CANT_FIND_PARM: Parm input from user cannot be found in dbase

** Continue?  (yY/nN):

End Date/Time:   Wed Dec  6 13:52:50 1995

dps3sunedf{pchang}16: exit
script done on Wed Dec 06 13:53:44 1995
```

3.13.10.4 Recommendations and Conclusions

Test run verified that when the input data was incorrect the request for access and use data was not able to be processed. When running site tests, only run on science processor - SGI.

3.13.11 Local Area Network Fault (B03.11.01)

3.13.11.1 Test Summary

Test verified that the System Management framework tool

properly detected and located the network fault that occured during the transfer of science software delivery packages. The proper alarms were displayed and the fault was recorded in the event logs. Tester simulated the network fault within the LAN of a representative DAAC host in the EDF. See test procedure for more detail.

3.13.11.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Logon to a DAAC MSS server workstation (HP) in the EDF using valid ID and password as an adminstrator	Successful logon	**Note: This test should be performed at EDF site only !!!!**
2	Initialize HP Openview by using the commands: **<cd /usr/OV/bin>** to change to the correct directory **<ovw &>** to start the HP Openview graphical interface	A map depicting the overall topology is displayed	Note: If runnng from the console, type: **./ovw &** instead
3	Double click on the '**EDF**' icon	A map depicting the EDF configuration is accurately displayed Verify all the symobls are on-line (display in green color)	
4	Select '**EDF-1**' (**router**) icon	Icon highlighted	
5	Select '**Diagnose**' from the menu bar, followed by '**Network Connectivity**' followed by '**Demand Poll**'	The 'Demand Poll' window appears	Verify the contents of the Poll Results from Demand Poll window
6	Enter: <**login id at EDF**> to logon another workstation at EDF	'Password' will be displayed.	
7	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	

8	Enter: **cd /lr1_IT/rcp_data** .	Directory changed	
9	Enter: **ls -l**	List of files are displayed	
10	Enter: **ftp <host name at DAAC within the LAN>** Note: For the test, use **spr1sgigsfc**		
11	Enter: <**password**>		
12	Enter: **put <file name>** or **mput <file name with wildcard>**	File transfer start	
13	**Reset (or power off) the power** to the **gateway/router** into the DAAC **LAN.**	The FTP hangs	
14	Double click on the **Status Events** which containing all the events	The **Status Events Browser** window is displayed	The Status Events log file will reflect which host went down/up and at what time.
15	Verify the **DAAC symbol**, **router symbol** and **symbol** on its **child map**	Symbol should have color changed (yellow, blue and red) **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	
16	Select '**Diagnose**' from the menu bar, followed by '**Network Connectivity**' followed by '**Demand Poll**'	The 'Demand Poll' window appears	Verify the contents of the Poll Results - timeout or retry fail - from Demand Poll window
17	**Wait** until the **gateway/router** is **fully up** and verify the **DAAC symbol**, **router symbol** and **symbol** on its **child map**	The symbols should turned back to green again and FTP function resumes **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	
18	**Select** the **events** from the Status Events log then **click** on **File** followed by **Save** followed by **Selected EVents** then type in a **File Name**	The selected events are saved in the file	
19	Close the Open View windows		
20	Logoff the workstation		

3.13.11.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)	
Test Case Name:	**Local Area Network Fault (B03.11.01)**	
Test Case ID:	**TC 13.11**	
Test Location:	EDF	DAAC:
S/W Config./ Version:		
H/W Config./ Host Names:	**mss1hpedf.gsfc.nasa.gov, EDF-1 (router)**	
Test Data:		
Test Tools/ Scripts:	HP OpenView	
Test Date:12 - 22 - 95	Test Time:7:30	Tester(s): Ping-Chieh. Chang (pchang)

Witness(es):Frank Gallant (IV&V),
Comments: OpenView is able to detect the local router failure but it also lose the capability to monitor the hosts in the local network . This is
a problem. In theory, when the local router is down, it loses the network therefore it will mark all the remote hosts down but
it will still able to monitor the local hosts status. Currently, it is not doing so. NCR is opened.
Also note: This test should be performed at EDF site only since the EDF-1 router is owned by EDF site. When go to the other site to
perform the site test, this test should be excluded because the site's "local router" is "V0 network router" which should not
be reset at anythime.
NCRs Verified:
N C R s U n - Ecsed01538 Verified:

Pass		Fail	Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.11

****

Date/Time: Tue Jan 2 15:50:34 EST 1996

****

TEST CONDUCTOR: ovadmin

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

sleep 0:00 0.03 0.03 /etc/inetdB? 1542 root 154 20 304K 112K sleep 0:02 0.03 0.03 /usr/etc/yB?&a9C1 root 168 20 216K 68K sleep 0:00 0.01 0.01 initB?&a7C685 root 154 20 3020K 1076K sleep 0:01 0.01 0.01 /opt/dceloB?&a7C993 root 154 20 3752K 1276K sleep 0:06 0.00 0.00 /opt/dceloB?&a7C988 root 154 20 3224K 1140K sleep 0:00 0.00 0.00 /opt/dceloB?&a7C125 root 154 20 32K 112K sleep 0:00 0.00 0.00 /etc/nfsdB? 1028 root 154 20 5108K 592K sleep 0:00 0.00 0.00 /usr/vue/bB?&a7C196 lp&a19C154 20 116K 172K sleep 0:00 0.00 0.00 lpschedB?&a8C72 root 127 20 24K 64K sleep 0:03 0.00 0.00 /etc/synce

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

*****

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MAILCHECK=600

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

platform=HP-UX

selection=1

testid=TC13.11

Test log TC13.11_log:

```
 Warning  Tue Jan 02 15:20:49  192.107.195.16        IF HP down
   Major  Tue Jan 02 15:20:49  192.107.195.16        Node down
 Warning  Tue Jan 02 15:20:51  192.107.195.12        IF le0 down
   Major  Tue Jan 02 15:20:51  192.107.195.12        Node down
 Warning  Tue Jan 02 15:20:51  dps3sunedf.gsfc.nasa.gov IF le0 down
   Major  Tue Jan 02 15:20:51  dps3sunedf.gsfc.nasa.gov Node down
 Warning  Tue Jan 02 15:21:05  192.107.195.13        IF NCD down
   Major  Tue Jan 02 15:21:05  192.107.195.13        Node down
```

Warning Tue Jan 02 15:21:06 ait2sungsfc.gsfc.nasa.gov IF le0 down

Major Tue Jan 02 15:21:06 ait2sungsfc.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:09 eos-gw1.larc.nasa.gov IF Ethernet0 down

Warning Tue Jan 02 15:21:20 ins1sgiedf.gsfc.nasa.gov IF Silicon down

Major Tue Jan 02 15:21:20 ins1sgiedf.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:21 dps1sgiedf.gsfc.nasa.gov IF 192.150.28.111 down

Major Tue Jan 02 15:21:21 dps1sgiedf.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:24 mss2sunedf.gsfc.nasa.gov IF le0 down

Major Tue Jan 02 15:21:24 mss2sunedf.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:35 ait1sungsfc.gsfc.nasa.gov IF le0 down

Major Tue Jan 02 15:21:35 ait1sungsfc.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:37 eos-gw1.larc.nasa.gov IF Serial0 down

Warning Tue Jan 02 15:21:40 rtr-eos1.gsfc.nasa.gov IF Ethernet0/1 down

Warning Tue Jan 02 15:21:50 mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 down

Major Tue Jan 02 15:21:50 mss1sungsfc.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:52 css1hped.gsfc.nasa.gov IF lan0 down

Major Tue Jan 02 15:21:52 css1hped.gsfc.nasa.gov Node down

Warning Tue Jan 02 15:21:55 192.107.195.10 IF le0 down

Major Tue Jan 02 15:21:55 192.107.195.10 Node down

Warning Tue Jan 02 15:22:05 192.107.195.17 IF HP down

```
  Major  Tue Jan 02 15:22:05  192.107.195.17        Node down
Warning  Tue Jan 02 15:22:07  dps2ncdedf.gsfc.nasa.gov IF NCD down
  Major  Tue Jan 02 15:22:07  dps2ncdedf.gsfc.nasa.gov Node down
Warning  Tue Jan 02 15:22:10  spr3ncdgsfc.gsfc.nasa.gov IF NCD down
  Major  Tue Jan 02 15:22:10  spr3ncdgsfc.gsfc.nasa.gov Node down
Warning  Tue Jan 02 15:23:34  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 down
  Major  Tue Jan 02 15:23:34  spr1sgigsfc.gsfc.nasa.gov Node down
Warning  Tue Jan 02 15:23:42  icl1sgigsfc.gsfc.nasa.gov IF 192.107.190.96 down
  Major  Tue Jan 02 15:23:42  icl1sgigsfc.gsfc.nasa.gov Node down
Warning  Tue Jan 02 15:23:43  eos-gw1.larc.nasa.gov IF Ethernet1 down
  Major  Tue Jan 02 15:23:43  eos-gw1.larc.nasa.gov Node down
  Major  Tue Jan 02 15:23:43  192.107.191.Segment1  Segment critical
Warning  Tue Jan 02 15:23:49  spr2ncdgsfc.gsfc.nasa.gov IF NCD down
  Major  Tue Jan 02 15:23:49  spr2ncdgsfc.gsfc.nasa.gov Node down
  Major  Tue Jan 02 15:23:49  192.107.190.Segment1  Segment critical
  Major  Tue Jan 02 15:23:49  192.107.190          Network critical
Warning  Tue Jan 02 15:23:58  192.107.195.9        IF 192.107.195.9 down
  Major  Tue Jan 02 15:23:58  192.107.195.9        Node down
Warning  Tue Jan 02 15:23:58  192.107.195.14       IF NCD down
  Major  Tue Jan 02 15:23:59  192.107.195.14       Node down
```

```
Warning  Tue Jan 02 15:24:04  aqua.HITC.COM         IF lan2 down
Warning  Tue Jan 02 15:24:14  aqua.HITC.COM         IF lan0 down
Warning  Tue Jan 02 15:24:14  aqua.HITC.COM         IF lan1 down
  Major  Tue Jan 02 15:24:14  aqua.HITC.COM         Node down
Warning  Tue Jan 02 15:24:19  rtr-eos1.gsfc.nasa.gov IF Serial3/1 down
  Major  Tue Jan 02 15:24:19  192.107.189.32.Segment1 Segment critical
  Major  Tue Jan 02 15:24:19  192.107.189.32        Network critical
Warning  Tue Jan 02 15:24:32  192.107.189.50        IF Ethernet1 down
  Major  Tue Jan 02 15:24:32  192.107.195.Segment1  Segment critical
Warning  Tue Jan 02 15:24:34  192.107.189.50        IF Serial0 down
  Major  Tue Jan 02 15:24:34  192.107.189.48.Segment2 Segment critical
  Major  Tue Jan 02 15:24:35  192.107.189.48        Network critical
Warning  Tue Jan 02 15:24:35  192.107.189.50        IF Ethernet0 down
  Major  Tue Jan 02 15:24:35  192.107.189.50        Node down
Warning  Tue Jan 02 15:24:53  rtr-eos1.gsfc.nasa.gov IF Serial3/3 down
Warning  Tue Jan 02 15:24:56  rtr-eos1.gsfc.nasa.gov IF Serial3/0 down
  Major  Tue Jan 02 15:24:56  192.107.189.16.Segment1 Segment critical
  Major  Tue Jan 02 15:24:56  192.107.189.16        Network critical
Warning  Tue Jan 02 15:24:56  rtr-eos1.gsfc.nasa.gov IF Serial3/2 down
Warning  Tue Jan 02 15:25:29  rtr-eos1.gsfc.nasa.gov IF Ethernet0/0 down
```

```
Warning  Tue Jan 02 15:25:29  rtr-eos1.gsfc.nasa.gov IF Fddi2/0 down
Warning  Tue Jan 02 15:25:35  rtr-eos1.gsfc.nasa.gov IF Serial3/5 down
  Major  Tue Jan 02 15:25:35  rtr-eos1.gsfc.nasa.gov Node down
Warning  Tue Jan 02 15:25:51  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/1 down
Warning  Tue Jan 02 15:25:51  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/2 down
Warning  Tue Jan 02 15:25:53  rtr-eos-2.gsfc.nasa.gov IF Serial1/0 down
Warning  Tue Jan 02 15:26:06  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/0 down
  Major  Tue Jan 02 15:26:06  rtr-eos-2.gsfc.nasa.gov Node down
  Major  Tue Jan 02 15:26:06  192.150.28           Network critical
 Normal  Tue Jan 02 15:30:29  aqua.HITC.COM        IF lan2 up
 Normal  Tue Jan 02 15:30:29  192.107.195.9        IF 192.107.195.9 up
 Normal  Tue Jan 02 15:30:29  192.107.195.9        Node up
 Normal  Tue Jan 02 15:30:29  192.107.195.14       IF NCD up
 Normal  Tue Jan 02 15:30:29  192.107.195.14       Node up
 Normal  Tue Jan 02 15:30:29  aqua.HITC.COM        IF lan0 up
 Normal  Tue Jan 02 15:30:30  aqua.HITC.COM        IF lan1 up
 Normal  Tue Jan 02 15:30:30  aqua.HITC.COM        Node up
 Normal  Tue Jan 02 15:30:30  192.107.195.16       IF HP up
 Normal  Tue Jan 02 15:30:30  192.107.195.16       Node up
 Normal  Tue Jan 02 15:30:30  dps3sunedf.gsfc.nasa.gov IF le0 up
```

```
Normal  Tue Jan 02 15:30:30  dps3sunedf.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:30  192.107.195.12       IF le0 up
Normal  Tue Jan 02 15:30:30  192.107.195.12       Node up
Normal  Tue Jan 02 15:30:30  192.107.195.13       IF NCD up
Normal  Tue Jan 02 15:30:30  192.107.195.13       Node up
Normal  Tue Jan 02 15:30:31  ins1sgiedf.gsfc.nasa.gov IF Silicon up
Normal  Tue Jan 02 15:30:31  ins1sgiedf.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:31  ait2sungsfc.gsfc.nasa.gov IF le0 up
Normal  Tue Jan 02 15:30:31  ait2sungsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:31  eos-gw1.larc.nasa.gov IF Ethernet0 up
Normal  Tue Jan 02 15:30:31  mss2sunedf.gsfc.nasa.gov IF le0 up
Normal  Tue Jan 02 15:30:31  mss2sunedf.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:31  dps1sgiedf.gsfc.nasa.gov IF 192.150.28.111 up
Normal  Tue Jan 02 15:30:31  dps1sgiedf.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:32  ait1sungsfc.gsfc.nasa.gov IF le0 up
Normal  Tue Jan 02 15:30:32  ait1sungsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:32  css1hped.gsfc.nasa.gov IF lan0 up
Normal  Tue Jan 02 15:30:32  css1hped.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:32  mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 up
Normal  Tue Jan 02 15:30:32  mss1sungsfc.gsfc.nasa.gov Node up
```

```
Normal  Tue Jan 02 15:30:32  eos-gw1.larc.nasa.gov IF Serial0 up
Normal  Tue Jan 02 15:30:33  dps2ncdedf.gsfc.nasa.gov IF NCD up
Normal  Tue Jan 02 15:30:33  dps2ncdedf.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:33  192.107.195.10       IF le0 up
Normal  Tue Jan 02 15:30:33  192.107.195.10       Node up
Normal  Tue Jan 02 15:30:33  192.107.195.17       IF HP up
Normal  Tue Jan 02 15:30:33  192.107.195.17       Node up
Normal  Tue Jan 02 15:30:33  rtr-eos1.gsfc.nasa.gov IF Serial3/1 up
Normal  Tue Jan 02 15:30:33  spr3ncdgsfc.gsfc.nasa.gov IF NCD up
Normal  Tue Jan 02 15:30:33  spr3ncdgsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:34  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 up
Normal  Tue Jan 02 15:30:34  spr1sgigsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:34  icl1sgigsfc.gsfc.nasa.gov IF 192.107.190.96 up
Normal  Tue Jan 02 15:30:34  icl1sgigsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:34  192.107.189.50       IF Ethernet1 up
Normal  Tue Jan 02 15:30:34  rtr-eos1.gsfc.nasa.gov IF Serial3/3 up
Normal  Tue Jan 02 15:30:35  192.107.189.50       IF Ethernet0 up
Normal  Tue Jan 02 15:30:35  rtr-eos1.gsfc.nasa.gov IF Serial3/0 up
Normal  Tue Jan 02 15:30:35  rtr-eos1.gsfc.nasa.gov IF Serial3/2 up
Normal  Tue Jan 02 15:30:35  192.107.189.50       IF Serial0 up
```

```
Normal  Tue Jan 02 15:30:35  192.107.189.50        Node up
Normal  Tue Jan 02 15:30:36  rtr-eos1.gsfc.nasa.gov IF Ethernet0/0 up
Normal  Tue Jan 02 15:30:36  rtr-eos1.gsfc.nasa.gov IF Fddi2/0 up
Normal  Tue Jan 02 15:30:36  rtr-eos1.gsfc.nasa.gov IF Serial3/5 up
Normal  Tue Jan 02 15:30:50  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/2 up
Normal  Tue Jan 02 15:30:50  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/1 up
Normal  Tue Jan 02 15:30:53  rtr-eos-2.gsfc.nasa.gov IF Serial1/0 up
Normal  Tue Jan 02 15:30:59  spr2ncdgsfc.gsfc.nasa.gov IF NCD up
Normal  Tue Jan 02 15:30:59  spr2ncdgsfc.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:30:59  eos-gw1.larc.nasa.gov IF Ethernet1 up
Normal  Tue Jan 02 15:30:59  eos-gw1.larc.nasa.gov Node up
Normal  Tue Jan 02 15:31:06  rtr-eos-2.gsfc.nasa.gov IF Ethernet0/0 up
Normal  Tue Jan 02 15:31:06  rtr-eos-2.gsfc.nasa.gov Node up
Normal  Tue Jan 02 15:31:45  rtr-eos1.gsfc.nasa.gov IF Ethernet0/1 up
```

3.13.11.4 Recommendations and Conclusions

Test ran successfully after applying patches and workaround on HP OpenView and HP machine. This test can only be performed at the EDF site using the EDF-1 router. When running this test at the DAAC sites, the local router will be a "V0 network router" which should not be reset at anytime therefore, this test will not

perform at the other sites.

3.13.12 Wide Area Network Fault (B03.11.02)

3.13.12.1 Test Summary

Test verified that the System Management Framework tool properly detected and located the network fault that occured during the transfer of science software delivery packages. The tester simulated the network fault with the connection of the WAN to LAN. See test procedure for more detail.

3.13.12.2 Deviations (if applicable)

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Logon to a DAAC MSS server workstation (HP) in the EDF using valid ID and password as an adminstrator	Successful logon	
2	Initialize HP Openview by using the commands: **<cd /usr/OV/bin>** to change to the correct directory **<ovw &>** to start the HP Openview graphical interface	A map depicting the overall topology is displayed	Note: If runnng from the console, type: **./ovw &** instead
3	Double click on the "**DAAC"** icon Note: **DAAC** icon means either **GSFC**, **LaRC** or **EDC**	A map depicting the DAAC configuration is accurately displayed Verify all the symobls (router and hosts etc) are on-line (display in appropriated color - green, yellow, blue or red)	This test step proofs that System Magement Center (ECS) has the ability to monitor site hardware element status (on-line).

4	Since the router in the wide area network - **V0 network router** is **not owned** by **ECS** therefore no fault test can be performed. But, **if** the **V0 network router symbol (Ir1 Routers)** is display in "**yellow**" then do the following steps otherwise go to the end of this test.		
5	Double click on **Ir1 Routers symbol**	**IP Internet map** displayed	
6	Double click on the **icon** with "**blue**" color	The **submap** for the **selected router** is displayed	
7	**Verify** the symbols in the submap	**Symbols** should either in **green** (**up**) or **red** (**down**)	
8	Double click on the **Status Events** which containing all the events	The **Status Events Browser** window is displayed	The Status Events log file will reflect which router/network went down/up and at what time.
9	**Select** the **events** from the Status Events log then **click** on **File** followed by **Save** followed by **Selected EVents** then type in a **File Name**	The selected events are saved in the file	
10	Close the OpenView and logoff		

In order to test this test will require to reset the "V0 network router" which is not owned by ECS and it should not be reset at anytime. Therefore, the "faulty" part of test was not performed. But at time we run the test, the "V0 network router" at GSFC experienced some problems and we were able to verify the System Management Framework tool were properly detected, recorded, and located the network fault. See the test script (log) for more detail.

3.13.12.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)

Test Case Name:	**Wide Area Network Fault (B03.11.02)**
Test Case ID:	**TC 13.12**
Test Location:	EDF DAAC:
S/W Config./ Version:	HP OS 9.0.5
H/W Config./ Host Names:	**mss1hpedf.gsfc.nasa.gov and Ir1 Routers (V0 network routers)**
Test Data:	
Test Tools/ Scripts:	HP OpenView

Test Date:12 - 11 - 95	Test Time:18:25:46	Tester(s): Ping-Chieh. Chang (pchang)

Witness(es):John Dennison (IV&V)

Comments: Since the V0 network router is not owned by ECS therefore we can not reset/power off the router. On 12-11-95, the router on GSFC was down and we were able to view the Status Events log and verified that the HP OpenView was able to catch the remote

network fault. Partial of the Status Events log were saved in the test directory and served as the test log.			
NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass		Fail	Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.12

****

Date/Time: Tue Dec 12 14:11:12 EST 1995

****

TEST CONDUCTOR: ovadmin

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

HP-UX mss1hped A.09.05 A 9000/755 2000374260 two-user license

LIST OF ACTIVE PROCESSES:

****

ovadmin 29185 29155 1 14:11:12 ttys1 0:00 grep ovadmin

ovadmin 29155 29143 1 14:09:59 ttys1 0:00 /bin/sh env3

ovadmin 29139 28859 0 14:08:21 ttys0 0:00 /bin/sh env3

ovadmin 29143 29142 0 14:09:24 ttys1 0:00 -csh

ovadmin 28859 28858 0 13:27:35 ttys0 0:00 -csh

ovadmin 29186 29185 5 14:11:12 ttys1 0:00 ps -edf

&d@&a0y0CJRSystem: mss1hped&a54CTue Dec 12 14:11:12 1995BLoad averages: 0.15, 0.12, 0.13B79 processes: 78 sleeping, 1 waitingBCpu states: 12.2% user, 0.0% nice, 15.8% system, 72.0% idle, 0.0% unk5, 0.0%Bunk6, 0.0% unk7, 0.0% unk8BMemory: 30056K (19388K) real, 40428K (29972K) virtual, 184972K free Screen # 1/5BBTTY PID USERNAME PRI NI SIZE RES STATE TIME %WCPU %CPU COMMANDBs4 29162 pchang 156 20 232K 184K sleep 0:00 0.74 0.52 -cshBs4 29161 root 154 20 80K 160K sleep 0:00 0.09 0.06 telnetdB? 1109 root 154 20 4932K 1740K sleep 29:04 0.05 0.05 /opt/dceloB? 1110 root 154 20 3656K 1576K sleep 17:14 0.04 0.04 /opt/dceloB? 24514 root 154 20 184K 228K sleep 0:07 0.03 0.03 /usr/etc/aBs1 29143 ovadmin 168 20 204K 152K sleep 0:00 0.01 0.01 -cshBs1 29155 ovadmin 158 20 228K 84K sleep 0:00 0.00 0.00 /bin/sh enB?&a8C76 root 127 20 24K 64K sleep 4:55 0.00 0.00 /etc/synceBs1 29142 root 154 20 80K 160K sleep 0:00 0.00 0.00 telnetdB? 27841 root 154 20 1552K 704K sleep 1:18 0.00 0.00 snmpCollecB? 1146 root 156 20 148K 56K sleep 0:00

0.00 0.00 /etc/gettyB? 1105 root 154 20 3224K 1136K sleep 1:08 0.00 0.00 /opt/dceloB?&a9C6 root 152 20 0K 0K sleep 0:00 0.00 0.00 sockregdB?&a8C10 root 152 20 0K 0K sleep 0:00 0.00 0.00 syncdaemonB?&a9C7 root 128 20 0K 0K sleep 0:00 0.00 0.00 unhashdaem

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

HOME=/users/ovadmin

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

SHELL VARIABLES AND THEIR VALUES:

****

HOME=/users/ovadmin

IFS=

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MAILCHECK=600

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

platform=HP-UX

selection=1

testid=TC13.12

Output Data:

```
 Warning  Mon Dec 11 18:25:46  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 down
 Warning  Mon Dec 11 18:25:46  192.107.189.50        IF Ethernet0 down
 Warning  Mon Dec 11 18:25:53  192.107.189.50        IF Serial0 down
   Major  Mon Dec 11 18:25:53  192.107.189.48.Segment2 Segment critical
   Major  Mon Dec 11 18:25:53  192.107.189.48        Network critical
 Warning  Mon Dec 11 18:26:00  192.107.195.13        IF NCD down
   Major  Mon Dec 11 18:26:00  192.107.195.13        Node down
```

```
Warning  Mon Dec 11 18:26:00  192.107.189.50        IF Ethernet1 down
  Major  Mon Dec 11 18:26:00  192.107.189.50        Node down
Warning  Mon Dec 11 18:26:08  192.107.195.17        IF HP down
  Major  Mon Dec 11 18:26:08  192.107.195.17        Node down
 Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov IF 192.107.191.60 up
 Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov IF le0 up
 Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov IF Ethernet1 up
 Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov IF 192.107.190.96 up
 Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov IF HP up
 Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov Node up
Warning  Mon Dec 11 18:26:15  192.107.195.9         IF 192.107.195.9 down
  Major  Mon Dec 11 18:26:15  192.107.195.9         Node down
  Major  Mon Dec 11 18:26:15  192.107.195.Segment1  Segment critical
 Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov IF le0 up
 Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 up
```

```
Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:31  192.107.189.50        IF Ethernet0 up
Warning  Mon Dec 11 18:26:34  rtr-eos1-f.gsfc.nasa.gov IF Fddi1/0 down
Normal  Mon Dec 11 18:30:53  192.107.189.50        IF Serial0 up
Normal  Mon Dec 11 18:31:00  192.107.189.50        IF Ethernet1 up
Normal  Mon Dec 11 18:31:00  192.107.189.50        Node up
Normal  Mon Dec 11 18:31:00  192.107.195.13        IF NCD up
Normal  Mon Dec 11 18:31:00  192.107.195.13        Node up
Normal  Mon Dec 11 18:31:08  192.107.195.17        IF HP up
Normal  Mon Dec 11 18:31:08  192.107.195.17        Node up
Normal  Mon Dec 11 18:31:13  192.107.195.14        IF NCD up
Normal  Mon Dec 11 18:31:13  192.107.195.14        Node up
Normal  Mon Dec 11 18:31:15  192.107.195.9         IF 192.107.195.9 up
Normal  Mon Dec 11 18:31:15  192.107.195.9         Node up
Normal  Mon Dec 11 18:31:15  192.107.195.16        IF HP up
Normal  Mon Dec 11 18:31:15  192.107.195.16        Node up
Normal  Mon Dec 11 18:31:19  192.107.195.12        IF le0 up
Normal  Mon Dec 11 18:31:19  192.107.195.12        Node up
Normal  Mon Dec 11 18:31:19  192.107.195.10        IF le0 up
Normal  Mon Dec 11 18:31:19  192.107.195.10        Node up
```

Warning Mon Dec 11 18:40:17 rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 down

Warning Mon Dec 11 18:45:54 rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 down

Warning Mon Dec 11 18:46:24 aqua.HITC.COM IF lan0 down

Warning Mon Dec 11 18:49:06 spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 down

Major Mon Dec 11 18:50:01 spr1sgigsfc.gsfc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 spr3ncdlarc.larc.nasa.gov IF NCD down

Major Mon Dec 11 18:50:01 spr3ncdlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 eos-gw1.larc.nasa.gov IF Serial0 down

Warning Mon Dec 11 18:50:01 spr2ncdlarc.larc.nasa.gov IF NCD down

Major Mon Dec 11 18:50:01 spr2ncdlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 down

Major Mon Dec 11 18:50:01 mss1sungsfc.gsfc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 eos-gw1.larc.nasa.gov IF Ethernet0 down

Warning Mon Dec 11 18:50:01 ait1sunlarc.larc.nasa.gov IF le0 down

Major Mon Dec 11 18:50:01 ait1sunlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 mss2sunlarc.larc.nasa.gov IF le0 down

Major Mon Dec 11 18:50:01 mss2sunlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 192.107.189.50 IF Serial0 down

Major Mon Dec 11 18:50:01 192.107.189.48.Segment2 Segment critical

Major Mon Dec 11 18:50:01 192.107.189.48 Network critical

```
Warning  Mon Dec 11 18:50:01  rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 down
Warning  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov IF Silicon down
  Major  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov Node down
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov IF Silicon up
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:50:20  rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 up
 Normal  Mon Dec 11 18:50:54  rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         IF lan0 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         Node up
 Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 up
 Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov IF NCD up
 Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov IF NCD up
 Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:18  eos-gw1.larc.nasa.gov IF Serial0 up
 Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 up
 Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov IF Ethernet0 up
 Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov Node up
```

Normal Mon Dec 11 18:51:33 ait1sunlarc.larc.nasa.gov IF le0 up

Normal Mon Dec 11 18:51:33 ait1sunlarc.larc.nasa.gov Node up

Normal Mon Dec 11 18:51:39 mss2sunlarc.larc.nasa.gov IF le0 up

Normal Mon Dec 11 18:51:39 mss2sunlarc.larc.nasa.gov Node up

Normal Mon Dec 11 18:54:14 rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 up

Normal Mon Dec 11 18:54:14 192.107.189.50 IF Serial0 up

Normal Mon Dec 11 18:54:14 192.107.189.50 Node up

Warning Mon Dec 11 19:10:29 css1hped.gsfc.nasa.gov IF lan0 down

Major Mon Dec 11 19:10:29 css1hped.gsfc.nasa.gov Node down

Normal Mon Dec 11 19:15:29 css1hped.gsfc.nasa.gov IF lan0 up

Normal Mon Dec 11 19:15:29 css1hped.gsfc.nasa.gov Node up

Warning Mon Dec 11 19:23:27 css1hped.gsfc.nasa.gov IF lan0 down

Major Mon Dec 11 19:23:27 css1hped.gsfc.nasa.gov Node down

Normal Mon Dec 11 19:24:13 css1hped.gsfc.nasa.gov IF lan0 up

Normal Mon Dec 11 19:24:13 css1hped.gsfc.nasa.gov Node up

3.13.12.4 Recommendations and Conclusions

Did not run the whole test steps in the test procedure but was able to verify that the System Management Framework tool were properly detected, recorded, and located the network fault. See 3.13.12.2 "Deviations" section for more detail.

3.13.13 Host Machine Fault (B03.11.03)

3.13.13.1 Test Summary

Test verified that the System Management Framework tool properly detected and located the host machine fault within the EDF (or any DAAC, such as GSFC, LaRC or EDC). The tool also notified the tester of such fault. See test procedure for more detail.

3.13.13.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Logon to a DAAC MSS server workstation (HP) in the EDF using valid ID and password as an adminstrator	Successful logon	**mss1hpedf is the HP Open View Server**
2	Initialize HP Openview by using the commands: **<cd /usr/OV/bin>** to change to the correct directory **<ovw &>** to start the HP Openview graphical interface	A map depicting the overall topology is displayed	Note: If runnng from the console, type: **./ovw &** instead
3	Double click on the '**EDF**' icon	A map depicting the EDF configuration is accurately displayed Verify all the symobls are on-line (display in green color)	
4	Enter: <**login id at EDF**> on the workstation at EDF Note: For the test, use **dps1sgiedf**	'Password' will be displayed.	
5	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
6	Enter: **cd /lr1_IT/rcp_data** .	Directory changed	
7	Enter: **ls -l**	List of files are displayed	

8	Enter: **ftp <host name at DAAC within the LAN>** Note: For the test, use **css1hpedf**		
9	Enter: <**password**>		
10	Enter: **put <file name>** or **mput <file name with wildcard>**	File transfer start	
11	**Unplug** the **cable** from the **targe**t host	The FTP hangs	
12	**Verify** the **DAAC symbol**, **host symbol** and **symobl** on its **child map** on the **Open View for EDF**	The symbols should change the color (yellow,blue and red) **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	
13	Select the '**host'** icon	Icon highlighted	
14	Select '**Diagnose**' from the menu bar, followed by '**Network Connectivity**' followed by '**Demand Poll**'	The 'Demand Poll' window appears	Verify the contents of the Poll Results from Demand Poll window
15	**Plug** the **cable** back and verify the **DAAC symbol**, **router symbol** and **symbol** on its **child map**	The symbols should turned back to green again and the FTP function resumes **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	
16	Double click on the **Status Events** which containing all the events	The **Status Events Browser** window is displayed	The Status Events log file will reflect which host went down/up and at what time.
17	**Select** the **events** from the Status Events log then **click** on **File** followed by **Save** followed by **Selected EVents** then type in a **File Name**	The selected events are saved in the file	
18	Close the Open View windows		
19	Logoff the workstation	Successful logoff	

3.13.13.3 Test Results

TEST LOG

Thread / Build Name:	Ir1 Release (B4)	
Test Case Name:	**Host Machine Fault (B03.11.03)**	
Test Case ID:	**TC 13.13**	
Test Location:	EDF	DAAC:
S/W Config./ Version:	HP OS 9.0.5	
H/W Config./ Host Names:	**mss1hpedf.gsfc.nasa.gov, dps1sgiedf.gsfc.nasa.gov and css1hpedf.gsfc.nasa.gov**	
Test Data:		
Test Tools/ Scripts:	HP OpenView	
Test Date:12 - 11 - 95	Test Time:19:00:00	Tester(s): Ping-Chieh. Chang (pchang)

Witness(es):John Dennison (IV&V)			
Comments:			
NCRs Verified: N/A			
NCRs Un-Verified: N/A			
Pass	Fail	Partial Pass/Fail	
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.13

****

Date/Time: Tue Dec 12 14:15:36 EST 1995

****

TEST CONDUCTOR: ovadmin

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

HP-UX mss1hped A.09.05 A 9000/755 2000374260 two-user license

LIST OF ACTIVE PROCESSES:

****

ovadmin 29255 29254 5 14:15:36 ttys0 0:00 ps -edf

ovadmin 29139 28859 0 14:08:21 ttys0 0:00 /bin/sh env3

ovadmin 29254 29139 0 14:15:36 ttys0 0:00 grep ovadmin

ovadmin 28859 28858 0 13:27:35 ttys0 0:00 -csh

&d@&a0y0CJRSystem: mss1hped&a54CTue Dec 12 14:15:36 1995BLoad averages: 0.03, 0.07, 0.10B76 processes: 75 sleeping, 1 waitingBCpu states: 12.2% user, 0.0% nice, 15.8% system, 72.0% idle, 0.0% unk5, 0.0%Bunk6, 0.0% unk7, 0.0% unk8BMemory: 29656K (19544K) real, 40192K (29840K) virtual, 185372K free Screen # 1/5BBTTY PID USERNAME PRI NI SIZE RES STATE TIME %WCPU %CPU COMMANDBs0 29139 ovadmin 158 20 228K 84K sleep 0:00 0.14 0.14 /bin/sh enB?&a7C125 root 154 20 108K 188K sleep 0:09 0.07 0.07 /usr/etc/rB? 27841 root 154

20 1552K 704K sleep 1:18 0.04 0.04 snmpCollecB?&a8C76 root 127 20 24K 64K sleep 4:56 0.02 0.02 /etc/synceB? 1109 root 154 20 4932K 1740K sleep 29:04 0.02 0.02 /opt/dceloB? 1110 root 154 20 3656K 1576K sleep 17:14 0.01 0.01 /opt/dceloBs4 29162 pchang 156 20 228K 180K sleep 0:00 0.00 0.00 /bin/cshB?&a7C115 root 154 20 96K 144K sleep 0:26 0.00 0.00 /etc/portmB? 24514 root 154 20 184K 228K sleep 0:07 0.00 0.00 /usr/etc/aB? 1105 root 154 20 3224K 1136K sleep 1:08 0.00 0.00 /opt/dceloB? 1146 root 156 20 148K 56K sleep 0:00 0.00 0.00 /etc/gettyB?&a9C6 root 152 20 0K 0K sleep 0:00 0.00 0.00 sockregdB?&a8C10 root 152 20 0K 0K sleep 0:00 0.00 0.00 syncdaemonB?&a9C7 root 128 20 0K 0K sleep 0:00 0.00 0.00 unhashdaemB?&a9C3 root 128 20 0K 0K sleep 0:00 0.00 0.00 statdaemon

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

DISPLAY=155.157.114.67:0.0

HOME=/users/ovadmin

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

SHELL VARIABLES AND THEIR VALUES:

****

DISPLAY=155.157.114.67:0.0

HOME=/users/ovadmin

IFS=

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MAILCHECK=600

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

platform=HP-UX

selection=1

testid=TC13.13

Output Data:

```
Warning  Mon Dec 11 18:25:46  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 down

Warning  Mon Dec 11 18:25:46  192.107.189.50        IF Ethernet0 down

Warning  Mon Dec 11 18:25:53  192.107.189.50        IF Serial0 down
```

```
  Major  Mon Dec 11 18:25:53  192.107.189.48.Segment2 Segment critical
  Major  Mon Dec 11 18:25:53  192.107.189.48        Network critical
Warning  Mon Dec 11 18:26:00  192.107.195.13        IF NCD down
  Major  Mon Dec 11 18:26:00  192.107.195.13        Node down
Warning  Mon Dec 11 18:26:00  192.107.189.50        IF Ethernet1 down
  Major  Mon Dec 11 18:26:00  192.107.189.50        Node down
Warning  Mon Dec 11 18:26:08  192.107.195.17        IF HP down
  Major  Mon Dec 11 18:26:08  192.107.195.17        Node down
 Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov IF 192.107.191.60 up
 Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov IF le0 up
 Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov IF Ethernet1 up
 Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov IF 192.107.190.96 up
 Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov IF HP up
 Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov Node up
Warning  Mon Dec 11 18:26:15  192.107.195.9         IF 192.107.195.9 down
  Major  Mon Dec 11 18:26:15  192.107.195.9         Node down
```

```
 Major  Mon Dec 11 18:26:15  192.107.195.Segment1  Segment critical
Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov IF le0 up
Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 up
Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:31  192.107.189.50       IF Ethernet0 up
Warning  Mon Dec 11 18:26:34  rtr-eos1-f.gsfc.nasa.gov IF Fddi1/0 down
Normal  Mon Dec 11 18:30:53  192.107.189.50       IF Serial0 up
Normal  Mon Dec 11 18:31:00  192.107.189.50       IF Ethernet1 up
Normal  Mon Dec 11 18:31:00  192.107.189.50       Node up
Normal  Mon Dec 11 18:31:00  192.107.195.13       IF NCD up
Normal  Mon Dec 11 18:31:00  192.107.195.13       Node up
Normal  Mon Dec 11 18:31:08  192.107.195.17       IF HP up
Normal  Mon Dec 11 18:31:08  192.107.195.17       Node up
Normal  Mon Dec 11 18:31:13  192.107.195.14       IF NCD up
Normal  Mon Dec 11 18:31:13  192.107.195.14       Node up
Normal  Mon Dec 11 18:31:15  192.107.195.9        IF 192.107.195.9 up
Normal  Mon Dec 11 18:31:15  192.107.195.9        Node up
Normal  Mon Dec 11 18:31:15  192.107.195.16       IF HP up
Normal  Mon Dec 11 18:31:15  192.107.195.16       Node up
```

Normal Mon Dec 11 18:31:19 192.107.195.12 IF le0 up

Normal Mon Dec 11 18:31:19 192.107.195.12 Node up

Normal Mon Dec 11 18:31:19 192.107.195.10 IF le0 up

Normal Mon Dec 11 18:31:19 192.107.195.10 Node up

Warning Mon Dec 11 18:40:17 rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 down

Warning Mon Dec 11 18:45:54 rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 down

Warning Mon Dec 11 18:46:24 aqua.HITC.COM IF lan0 down

Warning Mon Dec 11 18:49:06 spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 down

Major Mon Dec 11 18:50:01 spr1sgigsfc.gsfc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 spr3ncdlarc.larc.nasa.gov IF NCD down

Major Mon Dec 11 18:50:01 spr3ncdlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 eos-gw1.larc.nasa.gov IF Serial0 down

Warning Mon Dec 11 18:50:01 spr2ncdlarc.larc.nasa.gov IF NCD down

Major Mon Dec 11 18:50:01 spr2ncdlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 down

Major Mon Dec 11 18:50:01 mss1sungsfc.gsfc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 eos-gw1.larc.nasa.gov IF Ethernet0 down

Warning Mon Dec 11 18:50:01 ait1sunlarc.larc.nasa.gov IF le0 down

Major Mon Dec 11 18:50:01 ait1sunlarc.larc.nasa.gov Node down

Warning Mon Dec 11 18:50:01 mss2sunlarc.larc.nasa.gov IF le0 down

```
  Major  Mon Dec 11 18:50:01  mss2sunlarc.larc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  192.107.189.50        IF Serial0 down
  Major  Mon Dec 11 18:50:01  192.107.189.48.Segment2 Segment critical
  Major  Mon Dec 11 18:50:01  192.107.189.48        Network critical
Warning  Mon Dec 11 18:50:01  rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 down
Warning  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov IF Silicon down
  Major  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov Node down
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov IF Silicon up
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:50:20  rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 up
 Normal  Mon Dec 11 18:50:54  rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         IF lan0 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         Node up
 Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 up
 Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov IF NCD up
 Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov IF NCD up
 Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov Node up
 Normal  Mon Dec 11 18:51:18  eos-gw1.larc.nasa.gov IF Serial0 up
```

```
Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 up

Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov Node up

Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov IF Ethernet0 up

Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:33  ait1sunlarc.larc.nasa.gov IF le0 up

Normal  Mon Dec 11 18:51:33  ait1sunlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:39  mss2sunlarc.larc.nasa.gov IF le0 up

Normal  Mon Dec 11 18:51:39  mss2sunlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:54:14  rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 up

Normal  Mon Dec 11 18:54:14  192.107.189.50        IF Serial0 up

Normal  Mon Dec 11 18:54:14  192.107.189.50        Node up

Warning  Mon Dec 11 19:10:29  css1hped.gsfc.nasa.gov IF lan0 down

 Major  Mon Dec 11 19:10:29  css1hped.gsfc.nasa.gov Node down

Normal  Mon Dec 11 19:15:29  css1hped.gsfc.nasa.gov IF lan0 up

Normal  Mon Dec 11 19:15:29  css1hped.gsfc.nasa.gov Node up

Warning  Mon Dec 11 19:23:27  css1hped.gsfc.nasa.gov IF lan0 down

 Major  Mon Dec 11 19:23:27  css1hped.gsfc.nasa.gov Node down

Normal  Mon Dec 11 19:24:13  css1hped.gsfc.nasa.gov IF lan0 up

Normal  Mon Dec 11 19:24:13  css1hped.gsfc.nasa.gov Node up
```

3.13.13.4 Recommendations and Conclusions

Test ran successfully. The host machine within the DAAC (EDF) where the software was being delivered was shutdown, the process of the transfer was terminated and the System Management Framework notified the tester of fault.

3.13.14 File Transfer Termination (B03.11.04)

3.13.14.1 Test Summary

Test verified that the System Management Framework tool properly detected a file transfer termination. Testing included monitoring the System Management Framework tool while the file transfer process was located and terminated. See test procedure for more detail.

3.13.14.2 Deviations (if applicable)

Updated test procedure as following:

Step No.	Step Description/Operator Action	Expected Results	Observations/Comments
1	Logon to a DAAC MSS server workstation (HP) in the EDF using valid ID and password as an adminstrator	Successful logon	
2	Initialize HP Openview by using the commands: **<cd /usr/OV/bin>** to change to the correct directory **<ovw &>** to start the HP Openview graphical interface	A map depicting the overall topology is displayed	Note: If runnng from the console, type : **./ovw &** instead

3	Double click on the '**EDF**' icon	A map depicting the EDF configuration is accurately displayed Verify all the symobls are on-line (display in green color)	
4	Enter: <**login id at EDF**> on the workstation at EDF Note: For the test, use **css1hpedf**	'Password' will be displayed.	
5	Enter: <**password**> on the workstation.	'host name {user name}:' will be displayed.	
6	Enter: **cd /lr1_IT/rcp_data** .	Directory changed	
7	Enter: **ls -l**	List of files are displayed	
8	Enter: **ftp <host name at DAAC within the LAN>** Note: For the test, use **dps1sgiedf**		
9	Enter: <**password**>		
10	Enter: **put <file name>** or **mput <file name with wildcard>**	File transfer start	
11	**Unplug** the cable from the **local** host	The FTP hangs	
12	**Verify** the **DAAC symbol**,**host symbol** and **symbol** on its **child map** on the **Open View** for **EDF**	The symbols should change the color (yellow, blue and red). **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	
13	Select the '**host'** icon	Icon highlighted	
14	Select '**Diagnose**' from the menu bar, followed by '**Network Connectivity**' followed by '**Demand Poll**'	The 'Demand Poll' window appears	Verify the contents of the Poll Results from Demand Poll window
15	**Plug** the **cable** back and verify the **DAAC symbol**, **router symbol** and **symbol** on its **child map**	The symbols should turned back to green again and the FTP function resumes. **Note**: Currently the system will poll the device's status every **5 minutes.** Therefore, may need to wait for couple minutes to get the color changed	

16	Double click on the **Status Events** which containing all the events	The **Status Events Browser** window is displayed	The Status Events log file will reflect which host went down/up and at what time.
17	**Select** the **events** from the Status Events log then **click** on **File** followed by **Save** followed by **Selected EVents** then type in a **File Name**	The selected events are saved in the file	
18	Close the Open View windows		
19	Logoff the workstation	Successful logoff	

3.13.14.3 Test Results

TEST LOG

Thread /Build Name:	Ir1 Release (B4)
Test Case Name:	**File Transfer Termination Test Procedures (B03.11.04)**
Test Case ID:	**TC 13.14**
Test Location:	EDF DAAC:
S/W Config./ Version:	HP OS 9.0.5
H/W Config./ Host Names:	**mss1hpedf.gsfc.nasa.gov, dps1sgiedf.gsfc.nasa.gov and css1hpedf.gsfc.nasa.gov**

Test Data:		
Test Tools/ Scripts:	HP OpenView	
Test Date:12 - 11 - 95	Test Time:19:24:00	Tester(s): Ping-Chieh. Chang (pchang)
Witness(es):John Dennison (IV&V)		
Comments:		
NCRs Verified:	N/A	
NCRs Un-Verified:	N/A	

Pass		Fail	Partial Pass/Fail
1st Run	Formal Run	Retest	Release

TEST CASE IDENTIFICATION: TC13.14

****

Date/Time: Tue Dec 12 14:16:09 EST 1995

****

TEST CONDUCTOR: ovadmin

****

The UNIX SYSTEMS OF THIS TEST CASE ARE AS FOLLOWS:

****

HP-UX mss1hped A.09.05 A 9000/755 2000374260 two-user license

LIST OF ACTIVE PROCESSES:

****

ovadmin 29275 29273 0 14:16:09 ttys0 0:00 /bin/sh env3

ovadmin 29274 29273 3 14:16:09 ttys0 0:00 ps -edf

ovadmin 29265 28859 1 14:16:03 ttys0 0:00 /bin/sh env3

ovadmin 29273 29265 0 14:16:09 ttys0 0:00 /bin/sh env3

ovadmin 28859 28858 0 13:27:35 ttys0 0:00 -csh

&d@&a0y0CJRSystem: mss1hped&a54CTue Dec 12 14:16:09 1995BLoad averages: 0.01, 0.06, 0.10B76 processes: 75 sleeping, 1 waitingBCpu states: 12.2% user, 0.0% nice, 15.8% system, 72.0% idle, 0.0% unk5, 0.0%Bunk6, 0.0% unk7, 0.0% unk8BMemory: 29656K (19124K) real, 40192K (29796K) virtual, 185372K free Screen # 1/5BBTTY PID USERNAME PRI NI SIZE RES STATE TIME %WCPU %CPU COMMANDBs0 29265 ovadmin 158 20 228K 84K sleep 0:00 0.29 0.08 /bin/sh enB? 1110 root 154 20 3656K 1576K sleep 17:14 0.07 0.07 /opt/dceloB? 1109 root 154 20 4932K 1740K sleep 29:04 0.06 0.06 /opt/dceloB? 24514 root 154 20 184K 228K sleep 0:07 0.03 0.03 /usr/etc/aBs0 28859 ovadmin 168 20 204K 152K sleep 0:00 0.02 0.02 -cshB?&a8C76 root 127 20 24K 64K sleep 4:56 0.02 0.02 /etc/synceB?&a7C125 root 154 20 108K 188K sleep 0:09 0.01 0.01 /usr/etc/rB? 27841 root 154 20 1552K 704K sleep 1:18 0.01 0.01 snmpCollecBs4 29162 pchang 156 20 228K 180K sleep 0:00 0.00 0.00 /bin/cshB?&a7C115 root 154 20 96K 144K sleep 0:26 0.00 0.00 /etc/portmB?&a7C197 lp&a19C154 20 116K 176K sleep 0:00 0.00 0.00 lpschedB?&a7C108 root 127 20 464K 316K sleep 0:10 0.00 0.00 /etc/netfmB?&a8C87 root 127 20 56K 84K sleep 0:00 0.00 0.00 /etc/nktl_B? 1146 root 156 20 148K 56K sleep 0:00 0.00 0.00 /etc/gettyB?&a8C89 root 127 20 40K 96K sleep 0:00 0.00 0.00 /etc/ntl_r

TEST ENVIRONMENT OF THIS TEST CASE IS AS FOLLOWS:

****

DISPLAY=155.157.114.67:0.0

HOME=/users/ovadmin

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

SHELL VARIABLES AND THEIR VALUES:

****

DISPLAY=155.157.114.67:0.0

HOME=/users/ovadmin

IFS=

LOGNAME=ovadmin

MAIL=/usr/mail/ovadmin

MAILCHECK=600

MANPATH=/usr/man:/usr/contrib/man:/usr/local/man

PATH=/bin:/usr/bin:/usr/contrib/bin:/usr/local/bin:.

SHELL=/bin/csh

TERM=hp

TZ=EST5EDT

platform=HP-UX

selection=1

testid=TC13.14

Output Data:

```
 Warning  Mon Dec 11 18:25:46  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 down
 Warning  Mon Dec 11 18:25:46  192.107.189.50       IF Ethernet0 down
 Warning  Mon Dec 11 18:25:53  192.107.189.50       IF Serial0 down
   Major  Mon Dec 11 18:25:53  192.107.189.48.Segment2 Segment critical
   Major  Mon Dec 11 18:25:53  192.107.189.48       Network critical
 Warning  Mon Dec 11 18:26:00  192.107.195.13       IF NCD down
   Major  Mon Dec 11 18:26:00  192.107.195.13       Node down
 Warning  Mon Dec 11 18:26:00  192.107.189.50       IF Ethernet1 down
   Major  Mon Dec 11 18:26:00  192.107.189.50       Node down
 Warning  Mon Dec 11 18:26:08  192.107.195.17       IF HP down
   Major  Mon Dec 11 18:26:08  192.107.195.17       Node down
  Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov IF 192.107.191.60 up
  Normal  Mon Dec 11 18:26:09  spr1sgilarc.larc.nasa.gov Node up
  Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov IF le0 up
  Normal  Mon Dec 11 18:26:09  ait2sunlarc.larc.nasa.gov Node up
  Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov IF Ethernet1 up
```

```
Normal  Mon Dec 11 18:26:12  eos-gw1.larc.nasa.gov Node up
Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov IF 192.107.190.96 up
Normal  Mon Dec 11 18:26:12  icl1sgigsfc.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov IF HP up
Normal  Mon Dec 11 18:26:12  ait3hplarc.larc.nasa.gov Node up
Warning  Mon Dec 11 18:26:15  192.107.195.9        IF 192.107.195.9 down
 Major  Mon Dec 11 18:26:15  192.107.195.9        Node down
 Major  Mon Dec 11 18:26:15  192.107.195.Segment1  Segment critical
Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov IF le0 up
Normal  Mon Dec 11 18:26:16  ait1sungsfc.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov IF Fddi2/0 up
Normal  Mon Dec 11 18:26:31  rtr-eos1-f.gsfc.nasa.gov Node up
Normal  Mon Dec 11 18:26:31  192.107.189.50       IF Ethernet0 up
Warning  Mon Dec 11 18:26:34  rtr-eos1-f.gsfc.nasa.gov IF Fddi1/0 down
Normal  Mon Dec 11 18:30:53  192.107.189.50       IF Serial0 up
Normal  Mon Dec 11 18:31:00  192.107.189.50       IF Ethernet1 up
Normal  Mon Dec 11 18:31:00  192.107.189.50       Node up
Normal  Mon Dec 11 18:31:00  192.107.195.13       IF NCD up
Normal  Mon Dec 11 18:31:00  192.107.195.13       Node up
Normal  Mon Dec 11 18:31:08  192.107.195.17       IF HP up
```

```
Normal  Mon Dec 11 18:31:08  192.107.195.17       Node up
Normal  Mon Dec 11 18:31:13  192.107.195.14       IF NCD up
Normal  Mon Dec 11 18:31:13  192.107.195.14       Node up
Normal  Mon Dec 11 18:31:15  192.107.195.9        IF 192.107.195.9 up
Normal  Mon Dec 11 18:31:15  192.107.195.9        Node up
Normal  Mon Dec 11 18:31:15  192.107.195.16       IF HP up
Normal  Mon Dec 11 18:31:15  192.107.195.16       Node up
Normal  Mon Dec 11 18:31:19  192.107.195.12       IF le0 up
Normal  Mon Dec 11 18:31:19  192.107.195.12       Node up
Normal  Mon Dec 11 18:31:19  192.107.195.10       IF le0 up
Normal  Mon Dec 11 18:31:19  192.107.195.10       Node up
Warning  Mon Dec 11 18:40:17  rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 down
Warning  Mon Dec 11 18:45:54  rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 down
Warning  Mon Dec 11 18:46:24  aqua.HITC.COM        IF lan0 down
Warning  Mon Dec 11 18:49:06  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 down
 Major  Mon Dec 11 18:50:01  spr1sgigsfc.gsfc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  spr3ncdlarc.larc.nasa.gov IF NCD down
 Major  Mon Dec 11 18:50:01  spr3ncdlarc.larc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  eos-gw1.larc.nasa.gov IF Serial0 down
Warning  Mon Dec 11 18:50:01  spr2ncdlarc.larc.nasa.gov IF NCD down
```

```
  Major  Mon Dec 11 18:50:01  spr2ncdlarc.larc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 down
  Major  Mon Dec 11 18:50:01  mss1sungsfc.gsfc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  eos-gw1.larc.nasa.gov IF Ethernet0 down
Warning  Mon Dec 11 18:50:01  ait1sunlarc.larc.nasa.gov IF le0 down
  Major  Mon Dec 11 18:50:01  ait1sunlarc.larc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  mss2sunlarc.larc.nasa.gov IF le0 down
  Major  Mon Dec 11 18:50:01  mss2sunlarc.larc.nasa.gov Node down
Warning  Mon Dec 11 18:50:01  192.107.189.50        IF Serial0 down
  Major  Mon Dec 11 18:50:01  192.107.189.48.Segment2 Segment critical
  Major  Mon Dec 11 18:50:01  192.107.189.48        Network critical
Warning  Mon Dec 11 18:50:01  rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 down
Warning  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov IF Silicon down
  Major  Mon Dec 11 18:50:01  dps4sgiedf.gsfc.nasa.gov Node down
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov IF Silicon up
 Normal  Mon Dec 11 18:50:19  dps4sgiedf.gsfc.nasa.gov Node up
 Normal  Mon Dec 11 18:50:20  rtr-eos1-f.gsfc.nasa.gov IF Serial3/2 up
 Normal  Mon Dec 11 18:50:54  rtr-eos1-f.gsfc.nasa.gov IF Serial3/3 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         IF lan0 up
 Normal  Mon Dec 11 18:51:03  aqua.HITC.COM         Node up
```

```
Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov IF 192.107.190.90 up

Normal  Mon Dec 11 18:51:03  spr1sgigsfc.gsfc.nasa.gov Node up

Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov IF NCD up

Normal  Mon Dec 11 18:51:09  spr3ncdlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov IF NCD up

Normal  Mon Dec 11 18:51:18  spr2ncdlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:18  eos-gw1.larc.nasa.gov IF Serial0 up

Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov IF 192.107.190.97 up

Normal  Mon Dec 11 18:51:24  mss1sungsfc.gsfc.nasa.gov Node up

Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov IF Ethernet0 up

Normal  Mon Dec 11 18:51:33  eos-gw1.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:33  ait1sunlarc.larc.nasa.gov IF le0 up

Normal  Mon Dec 11 18:51:33  ait1sunlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:51:39  mss2sunlarc.larc.nasa.gov IF le0 up

Normal  Mon Dec 11 18:51:39  mss2sunlarc.larc.nasa.gov Node up

Normal  Mon Dec 11 18:54:14  rtr-eos1-f.gsfc.nasa.gov IF Ethernet0/1 up

Normal  Mon Dec 11 18:54:14  192.107.189.50        IF Serial0 up

Normal  Mon Dec 11 18:54:14  192.107.189.50        Node up

Warning  Mon Dec 11 19:10:29  css1hped.gsfc.nasa.gov IF lan0 down

 Major  Mon Dec 11 19:10:29  css1hped.gsfc.nasa.gov Node down
```

Normal Mon Dec 11 19:15:29 css1hped.gsfc.nasa.gov IF lan0 up

Normal Mon Dec 11 19:15:29 css1hped.gsfc.nasa.gov Node up

Warning Mon Dec 11 19:23:27 css1hped.gsfc.nasa.gov IF lan0 down

Major Mon Dec 11 19:23:27 css1hped.gsfc.nasa.gov Node down

Normal Mon Dec 11 19:24:13 css1hped.gsfc.nasa.gov IF lan0 up

Normal Mon Dec 11 19:24:13 css1hped.gsfc.nasa.gov Node up

3.13.14.4 Recommendations and Conclusions

Test was successful with the log file recording all activities.