1. INTRODUCTION

MCR #50 approved the upgrade of MA tools to support Solaris on the bastion host. Added to this upgrade, 5.8 patches were included to support the new blade computers. This document details the testing which was done to verify these upgrades on moc-server.

The results are summarized in Appendix A (page 5) of this document.

1.1 Organization

- Section 3. COTS SOFTWARE ....................... 2
- Section 4. GOTYS SOFTWARE ...................... 3
- Section 5. LM DEVELOPED SOFTWARE ........... 3
- Section 6. SU DEVELOPED SOFTWARE .......... 3
- Section 7. SOLARIS CONFIGURATION FILES ... 4
Oct 15 2001 solaris_crash_analysis -> solaris_crash_analysis-1.6/
Oct 15 2001 selwrap -> selwrap-2.0.5/
Oct 15 2001 stunnel -> stunnel-3.8g2/
Oct 15 2001 sudo -> sudo-1.5.4/
Oct 15 2001 swatch -> swatch-2.2/
May 31 23:55 switcharoo -> switcharoo-1.0b1/
Oct 15 2001 sysinfo -> sysinfo-3.4/
Oct 15 2001 tcp_wrappers -> tcp_wrappers-7.6ipv6.1/
Mar 19 2002 tcpdump -> tcpdump-3.3.2/
Mar 19 2002 tcpelice -> tcpelice-1.1a3/
Mar 19 2002 tcptrace -> tcptrace-5.2.1/
Jun 1 21:10 tightvnc -> tightvnc-1.2.8/
Mar 19 2002 traceroute -> traceroute-1.4a4/
Oct 15 2001 tripwire -> tripwire-1.3.1/
Jun 1 22:43 vnc -> tightvnc/
Oct 15 2001 watcher -> watcher-1.3/
Jun 1 21:10 whatabout -> whatabout-1.0/
Mar 10 2002 wu-ftpd -> wu-ftpd-2.6.2/
Oct 15 2001 wwwstat -> wwwstat-2.01a/
******************************************************
Oct 15 2001 buffer -> buffer-1.19/
Oct 15 2001 conf -> conf-1.7/
Oct 15 2001 docxx -> docxx-3.01/
Oct 15 2001 dtpc -> dtpc-3.7.0/
Oct 15 2001 encl.uiddecode -> encl.uiddecode-1.0/
Oct 15 2001 internet_explorer -> internet_explorer-4.01/
Oct 15 2001 macutil -> macutil-2.0b3/
Oct 15 2001 mcvert -> mcvert-2.15/
Oct 15 2001 nc -> nc-1.10/
Oct 15 2001 socket -> socket-1.1/
Oct 15 2001 tced -> tced-3.0/
Oct 15 2001 transfie -> transfie-3.2/
Oct 15 2001 unzip -> unzip-5.4.0/
Oct 15 2001 uudeview -> uudeview-0.5.13/
Oct 15 2001 xfig -> xfig-3.2/
Oct 15 2001 xmodem -> xmodem-3.10/
Oct 15 2001 zip -> zip-2.2/

(17) ****
2. APPLICABLE DOCUMENTS

<table>
<thead>
<tr>
<th>Document</th>
<th>Document No.</th>
<th>Alias</th>
</tr>
</thead>
<tbody>
<tr>
<td>POD H/W and S/W Configuration</td>
<td>S0475</td>
<td>PODCONF</td>
</tr>
<tr>
<td>MOC Configuration Control, IONET LAN</td>
<td>S0476</td>
<td>IONETCONF</td>
</tr>
<tr>
<td>MOC Configuration Control, Science LAN</td>
<td>S0477</td>
<td>SCIENCECONF</td>
</tr>
</tbody>
</table>

3. COTS SOFTWARE

The following list of COTS S/W needs tested for MCR#50:

<table>
<thead>
<tr>
<th>COTS S/W</th>
<th>Version</th>
<th>Licenses/ Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solaris (non-POD):</td>
<td>2.8</td>
<td>1 ea. cpu/unlimited</td>
</tr>
<tr>
<td>STK</td>
<td>4.3</td>
<td>1/1</td>
</tr>
<tr>
<td>GREAS</td>
<td>4.2.1</td>
<td>1/1</td>
</tr>
<tr>
<td>IDL</td>
<td>5.4</td>
<td>4/40</td>
</tr>
<tr>
<td>java</td>
<td>1.4.1</td>
<td>n/a</td>
</tr>
<tr>
<td>jooneect</td>
<td>5.2</td>
<td>n/a</td>
</tr>
<tr>
<td>Sybase client</td>
<td>11.9.2</td>
<td>free/unlimited</td>
</tr>
<tr>
<td>OASIS</td>
<td>see PODCONF</td>
<td>unlimited</td>
</tr>
<tr>
<td>FASTCOPY</td>
<td>2.5</td>
<td>1/1</td>
</tr>
</tbody>
</table>

3.1 Solaris Operating System

TEST:
JUMP START: a Blade.
NTP: show still working.
NETSCAPE: show new netscape version 7 fires-up.

3.2 STK

TEST: pass if STK loads latest scenario.

3.3 GREAS

REGRESSION: use GREAS to re-schedule a current ‘.osl’ file on old & new systems, then use OSLint to create new ‘.sol’ files for each. Pass if no differences between OSLint output files from both systems.

3.4 IDL - NO TEST

IDL not released until tcad-1.8 is ported to moc-server.

3.5 java

TEST: pass if swsi operational on moc-server.
Oct 15 2001 pine -> pine-3.95
Jun 1 21:09 popt -> popt-1.7
Oct 15 2001 procmail -> procmail-3.21
Oct 15 2001 ps2epsmac -> ps2epsmac-1.3
Mar 19 2002 python -> python-1.5
Mar 19 2002 sgml2html -> sgml2html-1.0
Mar 19 2002 sgmltools-lite -> sgmltools-lite-3.0.3
Mar 19 2002 sp -> sp-1.3.4
Mar 19 2002 Spec Tcl -> Spec Tcl-1.1
Mar 19 2002 swig -> swig-1.1p5
Oct 15 2001 tcl -> tcl-8.0p2
Oct 15 2001 tclX -> tclX-8.0.2
May 31 23:55 tcsh -> tcsh-6.12.00
Oct 15 2001 texlive -> texlive-1.0.6
Jun 1 21:09 tiff -> tiff-3.5.7
Nov 4 2002 timeline -> timeline-1.3
Oct 15 2001 tk -> tk-6.2p2
Oct 15 2001 top -> top-3.5beta12
Oct 15 2001 traceroute -> traceroute-1.4a4
Mar 19 2002 transfug -> transfug-3.2-30
May 21 18:39 Uplink Tools -> Apps/supportd/Uplink_Tools-1.9
Jun 1 21:09 vim -> vim-6.1
Oct 15 2001 webglimage -> webglimage-1.5
Oct 15 2001 webjars -> webjars-1.02
Oct 15 2001 wishwrapper -> wishwrapper-1.0-1
Oct 15 2001 wishwrapper -> wishwrapper-1.0-1
Jun 1 21:09 xanim -> xanim-2.80.1
Oct 15 2001 Xaw " -> Xaw-3.0.6b
Jun 1 08:08 Xawd_X11R50 -> Xawd-0.6b
Mar 19 2002 Xawd_X11R60 -> Xawd_X11R60-1.2
Mar 19 2002 Xawd_X11R63 -> Xawd_X11R63-2.5
Mar 19 2002 xfig -> xfig-3.2.3d
Mar 19 2002 xlockmore -> xlockmore-4.02
Oct 15 2001 xplot -> xplot-0.90
Mar 19 2002 xpm -> xpm-3.4k
Oct 15 2001 xv -> xv-3.10a
Oct 15 2001 y2000 -> y2000-1.0
Oct 15 2001 zmodem -> zmodem-3.03

**************************************************************
sysadmin/

Oct 15 2001 apache -> apache-1.3.14
Oct 15 2001 autoinstall -> autoinstall-1.6.1
Jun 1 00:09 bind -> bind-8.3.4
Oct 15 2001 bysocket -> bysocket-1.0
Jun 1 00:02 clienttools -> clienttools-2.5.11
Oct 15 2001 cracklib -> cracklib-3.7
Jun 1 00:02 cronpkg -> cronpkg-2.4.11
Jun 1 00:07 Cyrus-Sasl -> Cyrus-Sasl-2.1.12
Oct 15 2001 ejb -> ejb-0.8
Nov 17 2002 ethtool -> ethtool-0.9.7
Oct 15 2001 fastfs -> fastfs-1.1
Jun 1 00:07 fix-modes -> fix-modes-2.9
Oct 15 2001 floc -> floc-1.12
Apr 20 2002 flexlm -> flexlm-7.0
Oct 15 2001 fstatus -> fstatus-2.2
Oct 15 2001 lmp -> lmp-4.7c
Oct 15 2001 ipfilter -> ipfilter-3.4.14
Oct 15 2001 jetadmin_pkg-0.6 -> jetadmin_pkg-0.6.21
Mar 19 2002 libpcap -> libpcap-0.5.2
May 31 23:55 logf -> logf-4.64
May 31 23:55 memconf -> memconf-1.50
Jun 1 21:28 mysql -> mysql-3.23.52
Oct 15 2001 mysql -> mysql-2.53
Jun 1 21:28 nss_ldap -> nss_ldap-203
Nov 17 2002 ntp -> ntp-3.1.1
Apr 19 22:40 ntp -> ntp-4.1.1a
Mar 10 2002 ntp-4.0.99m -> ntp-4.0.99m-rc1
Jun 1 21:28 openssl -> openssl-2.1.16
Jun 1 00:08 openssh -> openssh-3.6.1p1
Jun 1 00:08 opensssl -> opensssl-0.9.7a
Jun 1 21:28 pam_ldap -> pam_ldap-1.60
Oct 15 2001 pidentd -> pidentd-2.7.4
Oct 15 2001 ppop -> ppoper-2.53
Jun 1 21:28 postgresql -> postgresql-7.3.2
Jun 1 00:07的技术 -> zwaging_v1.01
Jun 1 00:07 random -> random-0.7a
Oct 15 2001 rdist -> rdist-6.1.5
Oct 15 2001 rsaref -> rsaref-2.0
May 31 23:55 rsync -> rsync-2.5.5
Jun 1 00:12 samba -> samba-2.2.8a
Jun 1 21:40 sssdinfo -> sssdinfo-6.47
Oct 15 2001 ssssdmin_opage -> ssssdmin_opage-1.0
Oct 15 2001 ssssdping -> ssssdping-2.0
Apr 20 2002 sendmail -> sendmail-8.10.2
Jun 1 00:02 servertools -> servertools-2.3.11

/home/ron/documents/Sdocs/S0763 Page 21 of 22
3.6 Sybase Client
TEST: see 6.3 Timeline tools.

3.7 OASIS - NO TEST
This is only run on moc1 via EDT (LM GNDNRT), and this 5.6 system was not patched in this MCR.

3.8 FASTCOPY
TEST: pass if can run fastcopy to copy files locally on moc-server (only machine it is licensed for).

4. GOTS SOFTWARE
The following table lists the versions tracked by this document:

<table>
<thead>
<tr>
<th>GOTS S/W</th>
<th>Version</th>
<th>Licenses/Seats</th>
</tr>
</thead>
<tbody>
<tr>
<td>SWSI</td>
<td>Build 4 Patch 02</td>
<td>unlimited</td>
</tr>
</tbody>
</table>

4.1 SWSI
SWSI is not due to be officially released til mid-June. Build 4 patch 02 requires java 1.4.1. Test passes if GUls appear on screen.

5. LM DEVELOPED SOFTWARE
All LM S/W is constrained to Solaris 5.6. Timeline tools runs the LM GNDNRT S/W on moc1, and successful completion of the timeline tool testing will show the LM GNDNRT is functioning properly.

6. SU DEVELOPED SOFTWARE
SU developed S/W is a suite of many tools that reside on the moc-server:

<table>
<thead>
<tr>
<th>SU Developed S/W</th>
<th>Path</th>
<th>Version (VDD)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TCAD</td>
<td>/apps/supported/lasp/</td>
<td>S0503</td>
</tr>
<tr>
<td>TQSM</td>
<td>/apps/supported/tqsm/</td>
<td>S0650</td>
</tr>
<tr>
<td>Timeline Visualization Tools</td>
<td>/apps/supported/timeline/</td>
<td>S0607</td>
</tr>
<tr>
<td>SSB</td>
<td>/home/ssb/bin/</td>
<td>S0783</td>
</tr>
</tbody>
</table>

6.1 TCAD/TDP- NO TEST
This will not be tested until v1.8 is migrated from science to the moc-server.

6.2 TQSM- NO TEST
This will not be tested until v1.2 is migrated from science to the moc-server.

6.3 Timeline tools
REGRESSION TEST
All of the timeline-1.3/src/ programs will be tested and pass if they run properly (note: these call LM GNDNRT S/W that runs on 5.6 moc1 - this was not patched). This will run the sybase client S/W.
6.4 **SSB**
TEST: passes if the daemon will be started and a VIEWssb client is started.

7. **SOLARIS CONFIGURATION FILES - N/A**
Those files listed in S0476 were not changed by this upgrade.

8. **TEST RESULTS**
See Appendix A for a summary of the test results.
See Appendix B for a listing of all the CSCI version numbers as of 4/30/03.

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

<table>
<thead>
<tr>
<th>Word</th>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td>GN</td>
<td>Ground Network</td>
</tr>
<tr>
<td>GOTS</td>
<td>Government Off The Shelf</td>
</tr>
<tr>
<td>ICD</td>
<td>Interface Control Document</td>
</tr>
<tr>
<td>IONET</td>
<td>GSFC private network which allows MOC to get data from ground stations.</td>
</tr>
<tr>
<td>LASP</td>
<td>Laboratory for Atmospheric and Space Physics, University of Colorado</td>
</tr>
<tr>
<td>MCR</td>
<td>MOC Change Request</td>
</tr>
<tr>
<td>MOC</td>
<td>Mission Operations Center</td>
</tr>
<tr>
<td>NIS</td>
<td>Network Information Services, part of Solaris UNIX.</td>
</tr>
<tr>
<td>NFS</td>
<td>Network File System</td>
</tr>
<tr>
<td>NTP</td>
<td>Network Time Protocol (a Internet standard)</td>
</tr>
<tr>
<td>PCB</td>
<td>Program Change Board</td>
</tr>
<tr>
<td>SAFS</td>
<td>Standard Autonomous File Server (GSFC facility)</td>
</tr>
<tr>
<td>science</td>
<td>Host name of the server which controls the “science” lan, see S0477.</td>
</tr>
<tr>
<td>TCAD</td>
<td>Telemetry Calibration Analysis and Display, a LASP product.</td>
</tr>
</tbody>
</table>
APPENDIX B

CSCI versions ON moc, 6/24/03

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## APPENDIX A

### TEST RESULTS TABLE

The DATA are sheets attached to this document (not available for the electronic version)

<table>
<thead>
<tr>
<th>ITEM</th>
<th>TEST RESULTS</th>
<th>DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.1 Solaris Operating System</td>
<td>...</td>
<td>mocfd1/2/3 successfully jumpstarted</td>
</tr>
<tr>
<td>jumpstart</td>
<td>PASS</td>
<td>see A-1</td>
</tr>
<tr>
<td>ntp</td>
<td>PASS</td>
<td>see A-2</td>
</tr>
<tr>
<td>netscape7</td>
<td>PASS</td>
<td>see A-3</td>
</tr>
<tr>
<td>3.2 STK</td>
<td>PASS</td>
<td>see A-4</td>
</tr>
<tr>
<td>3.3 GREAS</td>
<td>PASS</td>
<td>see A-4</td>
</tr>
<tr>
<td>3.4 IDL--NO TEST</td>
<td>n/a</td>
<td>see A-11</td>
</tr>
<tr>
<td>3.5 java</td>
<td>PASS</td>
<td>see A-11</td>
</tr>
<tr>
<td>3.6 Sybase Client</td>
<td>PASS</td>
<td>see A-7</td>
</tr>
<tr>
<td>3.7 OASIS--NO TEST</td>
<td>n/a</td>
<td>see A-12</td>
</tr>
<tr>
<td>3.8 FASTCOPY</td>
<td>PASS</td>
<td>see A-11</td>
</tr>
<tr>
<td>4.1 SWSI</td>
<td>PASS</td>
<td>see A-11</td>
</tr>
<tr>
<td>6.1 TCAD/TDP--NO TEST</td>
<td>n/a</td>
<td>see A-4/5/6/7/8/9/10 Created new WS and ran full suite of tl tools. Diff on A-4 is regression.</td>
</tr>
<tr>
<td>6.2 TQSM--NO TEST</td>
<td>n/a</td>
<td></td>
</tr>
<tr>
<td>6.3 Timeline tools</td>
<td>PASS</td>
<td></td>
</tr>
<tr>
<td>6.4 SSB</td>
<td>PASS</td>
<td>see A-13</td>
</tr>
</tbody>
</table>

### OVERALL RESULTS:

Pass/Fail: PASS

<table>
<thead>
<tr>
<th>PRINT NAME</th>
<th>SIGNATURE</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Author</td>
<td>Ronald Shebowzg</td>
<td>6/28/03</td>
</tr>
<tr>
<td>QA</td>
<td>S. K. BURLINGHAM</td>
<td>7/3/04</td>
</tr>
</tbody>
</table>
Fri Jun 6 23:12:47 2003

<table>
<thead>
<tr>
<th>remote</th>
<th>refid</th>
<th>st</th>
<th>t</th>
<th>when</th>
<th>poll</th>
<th>reach</th>
<th>delay</th>
<th>offset</th>
<th>jitter</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOCAL(0)</td>
<td>LOCAL(0)</td>
<td>10</td>
<td>l</td>
<td>39</td>
<td>64</td>
<td>377</td>
<td>0.000</td>
<td>0.000</td>
<td>0.004</td>
</tr>
<tr>
<td>*moc-server.nasc science.nascom.</td>
<td>4 u</td>
<td>35m</td>
<td>68m</td>
<td>377</td>
<td>0.405</td>
<td>-6.387</td>
<td>0.765</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+poddl.nascom.na science.nascom.</td>
<td>4 u</td>
<td>107m</td>
<td>68m</td>
<td>376</td>
<td>0.918</td>
<td>-4.215</td>
<td>1.139</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+podgl.nascom.na poddl.nascom.na</td>
<td>5 u</td>
<td>43m</td>
<td>68m</td>
<td>377</td>
<td>77.719</td>
<td>36.377</td>
<td>0.822</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fri Jun 6 23:12:31 GMT 2003

echo $HOST

mocfd3
Name (localhost:safs): safs
Password (localhost:safs):

FCOPY-S-FILE_COPIED, file '/home/safs/.cshrc' FASTCopied to file 'localhost:/home/safs/.cshrc'
FCOPY-S-FINISHED, FASTCopy operation successfully finished

{safs@moc-server:2} pwd
/home/safs
{safs@moc-server:3} date
Mon Jun 2 02:58:02 GMT 2003

{safs@moc-server:4}
nks

Space Network (SN) Web Services Interface (SWSI)
Build 4 Patch 02  04/21/2003

About SWSI

Space Network (SN) Web Services Interface (SWSI)
Build 4 Patch 02  04/21/2003

developed by...

Computer Sciences Corporation

and...

National Aeronautics and Space Administration

Goddard Space Flight Center

For more information or to report bugs
http://swsi.gsfc.nasa.gov/

nks

ERROR... The 'SWSI Client Application' requires Java 1.4.1 to execute.
/net/moc-server.nascom.nasa.gov/export/moc-server_1/projects/moc/stk43/baseline/2003_274_ioc/timeline

* grap libGL.so
LD_PRELOAD* libGL.so.1 => /usr/openwin/lib/libGL.so.1

```
# This is the output from 'lcd'
#
if [ "$OPT = 'vector' ]
then
  echo "vector"
elif [ "$OPT = 'grd'"
then
  echo "grd"
else
  echo "Grd"
endif

Lat: -80.365
Lon: 41.106
Very Low 46169.374 m/pixel
Time: 1 Oct. 2003 05:00:00.00
Pause

[59] I STK/CON: Initializing STK/CON module.
[59] I STK/CON: Creating server-side socket on port 5001...
[59] I STK/CON: Server-side TCP socket created
[59] I STK/CON: Accepting connection requests
E AgFaload.c(709) Error: 00003001 STKObjects/AgFac/AgFaload.c: 709
E AgFaload.c(709) Error: 00003001 STKObjects/AgFac/AgFaload.c: 709
E AgFaload.c(709) Error: 00003001 STKObjects/AgFac/AgFaload.c: 709
E AgFaload.c(709) Error: 00003001 STKObjects/AgFac/AgFaload.c: 709

[59] echo $HOST
[59] host
```

STK

```

$0703 rev A pg N-3
```
{62} pd
{63} ls
2003_145 rjs5/

{64} tl_newMPworkspace

tl_newMPworkspace v1.6 - Creating a new Mission-planning Parent workspace

WARNING: you are NOT user moc, you must ensure write access to group

........ if this is for the parent, exit and login as moc as redo continue (in/y) ? > y

PWD=/home/ron/stk43/mp_test

ls: .................................................................
2003_145 rjs5


.....: enter directory name for a new parent workspace
.....: standard format is: yyyy_ddd_<text>
.....: examples: 2003_139_sim4 or 2003_300_ioc_from_045ping

.....: enter directory name > 2003_145_rjs5_MAclone

.....: enter full path to ALL the following files:
.....:  GREAS .osl
.....:  launch_date
.....:  GPBOPS1_DATA2WEB_PATH
.....:  temp2procWdur.txt

...(like ~/moc/stk43/SV/2003_294_ioc_from_045ping/timeline/)

.....: > ~/stk43/mp_test/2003_145_rjs5/timeline

launch_date:
No id keywords (cm7)

temp2procWdur.txt:
No id keywords (cm7)

GPBOPS1_DATA2WEB_PATH:
No id keywords (cm7)
change name of flx14_part1.osl (y/n) >
set flx14_part1.osl sccs rev to (i.e. 4-> 4.1 or 5.32) > 42
running: sccs admin -n -itmPNewGreasFile -r42 flx14_part1.osl -ycreated from /home/ron/stk43/mp_test/2003_145_rjs5_MAclone/timeline
No id keywords (cm7)

--- completed 2003_145_rjs5_MAclone/timeline

--- starting 2003_145_rjs5_MAclone/scenario ...

.....: enter path to STK scenario directory

.....: (like ~/moc/stk43/sv/2003_274_ioc_from_045ping/scenario/)

.....: > ~/stk43/mp_test ~/stk43/mp_test/2003_145_rjs5/scenario/

.....: answer not I word, retry

.....: enter path to STK scenario directory

.....: (like ~/moc/stk43/sv/2003_274_ioc_from_045ping/scenario/)

.....: > ~/stk43/mp_test/2003_145_rjs5/scenario/

.....: copying files, ignore errors for failing to copy directories ....
cp: /home/ron/stk43/mp_test/2003_145_rjs5/scenario//SCCS: is a directory
created: 2003_145_rjs5_MAclone/scenario/

....: set GPB.sa sccs rev to (i.e. 4 -> 4.1 or 6.32 ) > 42

Aft Antenna.sn:
No Id keywords (cm7)

running: sccs admin -n -iGPB.sa_ORIG -r42 GPB.sa -ycreated from /home/ron/stk43/
No id keywords (cm7)

[50763, revR, pj A-10]
took flx14_part1.osl, and re-scheduled on both moc-stk (pre-MA tools/patch) and mocfd1 (new blade jump-started under new MA tools and patched).

19 0:38  mkdir moc-stk
20 0:38  mkdir mocfd1
21 0:39  cp flx14_part1_moc-stk.osl moc-stk
22 0:39  cp flx14_part1_mocfd1.osl mocfd1
23 0:39  cd mocfd1
24 0:39  ls
25 0:39  OSLint.pl flx14_part1_mocfd1.osl `cat ../launch_date` n
26 0:42  ls
27 0:42  cd ../moc-stk/
28 0:42  ls
29 0:43  OSLint.pl flx14_part1_moc-stk.osl `cat ../launch_date` n
30 0:48  ls
31 0:48  cd GREAS/flx14_part1_moc-stk/

{41} date
Mon Jun 2 00:54:22 GMT 2003

{42} pwd
/home/ron/stk43/mp_test/2003_145_rjs5/timeline/moc-stk/GREAS/flx14_part1_moc-stk

{43} diff flx14_part1_moc-stk.so1 ../../mocfd1/GREAS/flx14_part1_mocfd1/flx14

{44} echo $HOST
mocfd1

{46} foreach file ( flx* )
    foreach? set New=`echo $file | sed -e 's:moc-stk:mocfd1:'`
    foreach? echo "diff $file ../../mocfd1/GREAS/flx14_part1_mocfd1/$New"
    foreach? diff $file ../../mocfd1/GREAS/flx14_part1_mocfd1/$New
    endforeach?
end

diff flx14_part1_moc-stk.cal ../../mocfd1/GREAS/flx14_part1_mocfd1/flx14_part1_moc-stk.cal

diff flx14_part1_moc-stk.clk ../../mocfd1/GREAS/flx14_part1_mocfd1/flx14_part1_moc-stk.clk

{47}

diffs show exact comparison.

1) GREAS - reschedule
2) OSLint.pl, ld.pl
3) blin/gener

50763,rew A, pg A-4
ping003.txt_report       Mon Jun  2 03:12:17 2003       3

... FLIGHT DIRECTOR CHECKOUT...

1) Verify loadparent log pushed the same files as this_report: ___________
2) Verify namesize/date of files on disk same as this_report.
   Log onto commandlog psql(gdb) as analyst:
   \ with psql(gdb) -l analyst
   psql(gdb) -l loads
   psql(gdb)/gdbl/common/loads> ls -1 *load

   a) pingload... load :
      same name ____
      same date ____
      same size ____

   
   sanity check: BKUP laptop see this will upload ok?
   if a rework, has the been changed (minutes) ?
   ... , have old files been deleted from psql:

   b) pingload.pro:
   Change to proce directory and look for customized load file...
   psql(gdb)/gdbl/common/loads> proce
   psql(gdb)/gdbl/common/procexecs> ls -1 *load.pro

   listing:
   psql(gdb)/gdbl/common/loads> more pingload.pro
   or
   psql(gdb)/gdbl/common/loads> more pingload.load

   Verify that this .pro file has the same filename as a)

3) Verify namesize/date of the other .load & .pro files
   a) 01 same name/same size
   b) 02 same name/same size
   c) 03 same name/same size
   d) 04 same name/same size
   e) 05 same name/same size
   f) 06 same name/same size
   g) 07 same name/same size
... MF check list

1. End time of prev load: __________
2. Start time of this load: __________
3. Contact for upload: __________
4. Est. min to upload: __________
5. If estimated minutes to upload ok: __________
6. Command, gen errors?: __________

... file

... Load Now correct (exp. if a rerun?): __________
... Database version correct?: __________
... CGD Gen Version correct?: __________
... CGD Template Low correct?: __________
... All parameters default?: __________
... Any hazards? __________
... If YES: Can initial All...

... file

... Tag index correct (ping/pong): __________
... Data index correct (ping/pong): __________

... file

... Any L (bars): __________
... D/E/W/2_Case: __________
... Any D (bars): __________
... D/E/W/2_PIC_06_update

... file

... dir (all) errors?: __________

... file

... Upload GPS Almanac every 3 weeks
... D/E/W/2
... Memory backups

... file

... SUNPKER from .sol file
... ASC
... CCH
... D/E/W/2
... D/E/W/2
... D/E/W/2
... D/E/W/2

... file

... DELETED TASKS IN SCHEDULE FILE:
... (1592) GROSS, GROSS, GROSS, GROSS, GROSS... --> [9] DCC_ST_03 --> [2] Active

... timeline committee [10 singlep]...

... ping03.txt ping98751001...
diff_osl : /home/ron/stk43/mp_test/2003_145_rjs5_MAclone_child/timeline/003ping_t5
diff_osl : /home/ron/stk43/mp_test/2003_145_rjs5_MAclone_child/timeline/003ping_t5
diff_osl : /home/ron/stk43/mp_test/2003_145_rjs5_MAclone_child/timeline/003ping_t5

rang on Mon Jun 2 02:46:47 GMT 2003
ranged on Mon Jun 2 02:46:47 GMT 2003

/appssupported/scripts/diff_osl ran from mocfdl.nascom.nasa.gov
/appssupported/scripts/diff_osl version is 1.8

----------------------------- LOCAL OSL FILE -----------------------------

SCCS/s.flx14_part1.osl: 42.1 03/06/02 ron

----------------------------- PARENT OSL FILE -----------------------------


SCCS/s.flx14_part1.osl: 42.1 03/06/02 ron

----------------------------- SUMMARY -----------------------------

    0 ./onlyinCURRENT
    0 ./onlyinPARENT
  213 ./inBOTH
  213 total

-rw-r--r--  1 ron     users  0 Jun 2 02:46 ./differences_inBOTH
-rw-r--r--  1 ron     users  0 Jun 2 02:46 ./onlyinCURRENT
-rw-r--r--  1 ron     users  0 Jun 2 02:46 ./onlyinPARENT

----------------------------- NO DIFFERENCES FOUND -----------------------------
### ping003.txt_report

**Mon Jun 2 03:12:17 2003**

<table>
<thead>
<tr>
<th>Column</th>
<th>Description</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>A) Subsystem</td>
<td>Result</td>
<td>y/n</td>
</tr>
<tr>
<td>B) Check</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D)</td>
<td></td>
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</tr>
<tr>
<td>E)</td>
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<td>F)</td>
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<tr>
<td>G)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>H)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Date:**

- **Today:**
- **Yesterday:**
- **Last Week:**
- **This Month:**
- **This Year:**

---

**Comments:**

- **General:**
- **Technical:**
- **Security:**
- **Other:**

---

**Additional Information:**

- **Related Documents:**
- **Contact:**
- **Notes:**

---

**Signatures:**

- **Signed by:**
- **Date:**

---

**Acceptance:**

- **Review:**
- **Sign:**
- **Date:**