

ECS Configuration Change Request

Page(s)

1. Originator Cherry Kenney	2. Log Date: 03/13/02	3. CCR #: 02-0214	4. Rev: —	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. SWIT/DEV
8. CCR Title: Patch_6A.05_DSS.01 . For All DAACs Contains fix for One SEV 1 NCR, Fourteen SEV 2 NCRs and 1 SEV 3 NCRs. SEV 1 NCR is 33562,. Status allways set to zero in DB						
9. Originator Signature/Date Kenneth L. Cockerill for Cherry Kenny /s/ 3/13/02			10. Class II	11. Type: CCR	12. Need Date: 13Mar02	
13. Office Manager Signature/Date Tim Ortiz /s/ 3/13/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:	18. CI(s) Affected: STMGT/SDSRV/DDIST		
19. Release Affected by this Change: 6A		20. Date due to Customer: 13Mar02		21. Estimated Cost: None - Under 100K		
22. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: ECSed32907, ECSed33118 , ECSed33141, ECSed33511, ECSed 31176, ECSed33357, ECSed33505, ECSed33562						
23. Problem: (use additional Sheets if necessary) 32907- SEV2, DDIST fails to save request in database 33118 -SEV2 - Add Granule Status to DN for Restricted and DFA Granules 33141 -SEV2 Add Granule Status to DN for Restricted and DFA Granules 33511 - SEV2 Failed order notification sent to user when order had not cleared 31176 - SEV 2 swap space low due to GUIs (Additional NCRs on page 2)						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_6A.05_DSS.01. Patch can be installed on top of initial 6A.05 delivery. NOTICE: THIS PATCH MUST BE INSTALLED PRIOR TO STMGT.01, EXTERNAL SUBSETTER AND QAMUT!!!!						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next full system delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in testing or possible delays in 6A.05 operational testing						
27. Justification for Emergency (If Block 15 is "Emergency"): Needed immediately following the delivery of 6A.05.						
28. Site(s) Affected: <input type="checkbox"/> EDF <input type="checkbox"/> PVC <input type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
29. Board Comments:				30. Work Assigned To:	31. CCR Closed Date:	
32. EDF/SCDV CCB Chair (Sign/Date): Steve Fox /s/ 3/13/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Debra Stepp /s/ 3/13/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
34. ECS CCB Chair (Sign/Date):			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Cherry Kenney

Telephone: 301-883-4177 **Office:** 3204D

Title of Change: Patch_6A.05_DSS.01 . For All DAACs Contains fix for One SEV 1 NCR, Fourteen SEV 2 NCRs and 1 SEV 3 NCRs. SEV 1 NCR is 33562,. Status allways set to zero in DB

ACTIONS

ClearCase

Please build one sun tar file from the 6A.05 baseline with the following

> packages:

> .EcDsDdDdistGUI.pkg

> .EcDsDdDISTSRVR.pkg

> .EcDsSdSDSRV.pkg

> .EcDsSdOPSWs.pkg

Please build a second tar file from the 6A.05 baseline with the following packages:

.EcEsdt.pkg

> Also make one irix tar file for the following package

> .EcDsStDatabase.pkg

>

Additional NCRs from page 1

33357 SEV 2,- Add SQL Query Logging to SDSRV

33505 -SEV 2 New Db Error logging bypassed in some cases

33562 SEV 1 Status allways set to zero in DB

33049 SEV 2 SDSRV core during GSFC 24H Run

32651 SEV 2 GSFC/SMC - EDG Searches that time out continue to be active

32623 SEV 2 L7 Floating Scene Band 8 File Overlap not consistent within

32785 SEV 2 SDSRV should return retry error when deadlock happened

32229 SEV 2 GLAS NOSE parameters not being returned, and are not search

33106 SEV 3 Obsolete entries in the Registry GUI

33227 SEV 2 OPS:6A.04.C3:SA:SDSRV on e0acs05 is growing quickly in virtual size

33254 SEV 2 Need to add libGllSh.so to .EcDsDistributionServer.iu

INSTALLATION INSTRUCTIONS

NOTICE: THIS PATCH MUST BE INSTALLED PRIOR TO STMGT.01, EXTERNAL SUBSETTER AND QAMUT!!!!

There are three tar files with this delivery, one IRIX65 and 2 SUN tar files (Plus the respective checksum and listings)

Untar one SUN and one IRIX65 tar file in the appropriate staging area using the *Setup.ksh file.

You do not need to install EcsAssist when prompted.

Untar the Patch_6A.05_DSS.01_Feb-22-2002_6A05_sun5.5_20020222_100000.tar file using the tar -xvf command

This second SUN tar file contains all the SDSRV DLLs which must be installed.

```
cd <staging_area>/IRIX65/CUSTOM/dbms
chmod 755 -R *
```

```
cd <staging_area>/IRIX65/CUSTOM/.installed/DSS/stmgt
Edit the .cfgpatch and remove the following line:
```

```
ADD ALL ALL ALL DSS EcDsSt .cfgparms
EcDsStFtpServerMkcfg PassiveHosts
/usr/ecs/${MODE}/CUSTOM/cfg/EcDsStPassiveFtpHosts
```

This line contains an Error and will cause a problem on the xxacgnn host when STMGT.01 is installed if this line is not removed.

```
cd <staging_area>/SUN/CUSTOM/.installed/DSS/distribution
```

Edit the .cfgpatch and remove all lines with a Tag value of EcDsDdDCLIMkcfg or EcDsDdEPDMkcfg (These parameters only apply to the new External Subsetter code that has recently been delivered - That .cfgpatch is more up to date.)

```
cd <staging_area>/SUN/CUSTOM/.installed/DSS/sdsrv
```

Edit the .cfgpatch and remove all lines with a Tag value of EcDsQAMUTMkcfg, EcDsQAMUTAppMkcfg, and EcDsQAMUTEEmailScriptMkcfg (These parameters only apply to the QAMUT code that has recently been delivered - That .cfgpatch is more up to date.)

At this point you must stop all DSS servers and GUIs (STMGT, DDIST, and SDSRV).

Logon to any sun in your sitemap and using E.A.S.I install the following packages:

```
.EcDsDdDISTSRVR.pkg
.EcDsDdDdistGUI.pkg
.EcDsSdOPWSW.pkg
.EcDsSdSDSRV.pkg
.EcDsStDatabase.pkg
```

There are no new SDSRV or DDIST configuration parameters for this patch. Do not run Mkcfg or apply any Registry patches.

Logon to the host where the STMGT database is installed (xxacgnn).

Bring up EcsAssist Subsystem manager and apply patch number 6120 to the STMGT database. This is the first STMGT database patch that should be installed after 6A.05. This patch adds column GranuleStatus to the DsDdGranule and DsDdGranuleArchive table and updates the associated stored procedures.

NOTE!!!: There will be later patches (6121, 6123 and 6125) in the staging area, but they should NOT be installed in your STMGT database at this time. They will be installed as part of the STMGT.01 patch.

Logon to the host where SDSRV is installed (xxacsnn) to update the SDSRV DLLs.

```
cd /usr/ecs/<MODE>/CUSTOM/lib/ESS
cp <staging_area>/SUN/*.so .
```

chmod 755 *.so

as the user that runs the ECS servers (cmshared or allmode), cp *.so
/usr/ecs/<MODE>/CUSTOM/lib/DSS/

You do not need to update the SDSRV valids with this patch.

Bring up the DSS Servers.

System Integration & Test test procedure 6A05_DSS01_PATCH_TEST_PLAN is attached to this CCR.

CM01AJA00 Revised 10/15/01

ECS