

# ECS Configuration Change Request

1. Originator Lou Swentek	2. Log Date: 9/4/01	3. CCR #: 01-0709	4. Rev: -	5. Tel: 301-925-0437	6. Rm #: 3008H	7. Dept. DEV/CO
8. CCR Title: Patch_ 6A04_DSS.01 for all DAACs						
9. Originator Signature/Date <i>Lou Swentek</i> 8/31/01			10. Class II	11. Type: CCR	12. Need Date: 31 August 090401 <i>JS</i>	
13. Office Manager Signature/Date <i>Walt Cole</i> 9/3/01			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact: n/a	18. CI(s) Affected:DMS		
19. Release Affected by this Change: 6A		20. Date due to Customer:		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: NCRs 29490, 30352, 31168, 31214, 31421, 31435, 31461, 31646, 31653, 31660, 31682, 31701, 31712, 31726, 31784						
23. Problem: (use additional Sheets if necessary) Need to deliver various fixes that have been made to the DSS components (Distribution, Science Data Server, and Storage Management). This includes fixes to two Severity 1 NCRs and ten Severity 2 NCRs.						
24. Proposed Solution: (use additional sheets if necessary) Deliver <del>FE</del> 6A04_DSS.01 <i>PATCH</i>						
25. Alternate Solution: (use additional sheets if necessary) Wait until next s/w release						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in getting fixes to the field, DAACs must continue to work around problems						
27. Justification for Emergency (If Block 15 is "Emergency"): NCR fixes are needed at the DAACs to support the 6A.04 baseline in OPS mode						
28. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" 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): <i>Byron V. Peltos</i> 9/4/01			Disposition: <u>Approved</u> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): <i>Walt Cole</i> 9/4/01			Disposition: <u>Approved</u> 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			

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## ADDITIONAL SHEET

CCR #: **01-0709** Rev: - Originator: Lou Swentek

Telephone: x0437 Office: 3008H

Title of Change: Patch\_6A04\_DSS.01 for all DAACs

Actions:  
Clearcase:

Please roll up the following packages on a SUN and IRIX65 tar files.

Sun:

- > .EcDsDdDISTSRVR.pkg
- > .EcDsDdDdistGUI.pkg
- > .EcDsSCLI.pkg
- > .EcDsSdDatabase.pkg
- > .EcDsSdOPSWS.pkg
- > .EcDsSdSDSRV.pkg
- > .EcDsStD3.pkg
- > .EcDsStGUI.pkg
- > .EcDsStRequestManager.pkg

SGI:

- > .EcDsSdHdfEos.pkg
- > .EcDsSdSrvAMSR.pkg
- > .EcDsSdSrvDb.pkg
- > .EcDsSdSrvGLAS.pkg
- > .EcDsSdSrvLLBOX.pkg
- > .EcDsSdSrvMISR.pkg
- > .EcDsStArchive.pkg
- > .EcDsStDatabase.pkg
- > .EcDsStIngestFtp.pkg
- > .EcDsStPullMonitor.pkg

Also please make a separate SUN tar file which includes all the /ecs/formal/ESDT/lib/sun5.5/\*.so files. These are DLLs that must be installed with SDSRV (there was a recent GE change so all the DLLs should be delivered and installed).

The tar files should be called Patch\_6A.04\_DSS.01

### DAAC INSTALLATION INSTRUCTIONS

1. Get TAR Files from CM distribution.
2. UNTAR the files and copy to the staging area using the Setup.ksh file. Be sure to select "Y" when prompted for "Update ECS Assist Common Files" to get the latest version of ECS ASSIST. THIS MUST BE RUN AS ROOT.
3. On a SUN host, use E.A.S.I. to perform automated installation of all four packages listed above as follows:
  - a. Select the Mode to be installed
  - b. Enter the location of the staged files
  - c. Select CUSTOM and Click Next
  - d. Click on the "Sort by: Subsystem" button and select the "DSS" icon. Click Next
  - e. Select Install as the Installation Phase and Click Next
  - f. STAGING AREA will be shown as the Installation Type. Click Next
  - g. Click COMM and ensure all displayed hosts turn green, signaling they are communicating with E.A.S.I.
  - h. Click INSTALL and monitor each host. Ensure each host turns green signaling a successful

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installation. NOTE: During installation you may receive a warning indicating that a required file (EcTsDsClientDriverStart) does not exist. You may safely ignore this warning.

4. On the xxacgxx machine, patch the STMGT database as necessary:
  - a. Identify the current version of the STMGT database. If the database version is less than 75, run DbPatch from the ECS Assist Subsystem Manager (select DBPatch from the Database menu after having selected the mode, subsystem (DSS), and component (EcDsSt) in the GUI). Note that beginning with the 6A.04 release, you can specify the desired database patch version (in this case 6A75.75) in the appropriate location when running DbPatch, and the patch script will automatically apply all required patches to reach that version.
5. On the xxacsxx machine, patch the SDSRV database as necessary:
  - a. Identify the current version of the SDSRV database. If the database version is less than 6072, run DbPatch from the ECS Assist Subsystem Manager (select DBPatch from the Database menu after having selected the mode, subsystem (DSS), and component (EcDsSr) in the GUI).
6. On the xxacsxx machine, install the DLLs and valids:
  - a. If you have not done so already, manually untar the file in the staging area that contains only the DLLs (this should be the set of 3 SUN files that do not have a \_Setup.ksh file associated with them).
  - b. From the normal installation account (cm<mode>), copy the DLLs from the staging area to the /usr/ecs/<MODE>/CUSTOM/lib/ESS directory.
  - c. From the account used to run your servers (usually cmshared or allmode), copy the DLLs from the staging area to the /usr/ecs/<MODE>/CUSTOM/lib/DSS directory.
7. If you wish to install valids, use the normal procedure identified in the 6A.04 installation instructions.

#### Summary of NCRs

Id	Subsystem	Sev	State	Site	Description
29490	OPS_SDSRV	3	T	VATC	Couldn't acquire a multi-file TEST03 granule
30352	OPS_Test_Driv	2	T	GSFC	GSFC/SMC EcTsClientDriver doesn't work w/EcDsScienceDataServer
31168	RelB0_SDSRV	3	C	PVC	SDSRV Delivery Driver does not acquire by UR
31214	OPS_DBDM	2	T	EDC	5B.07:OPS: L7 ErrorHandling Tool corrupts data when Merging
31421	OPS_ESDT	3	T	EDC	OPS:IGS metadata ingest fails if HORIZONTAL_DISPLAY_SHIFT i
31435	OPS_DBDM	2	T	GSFC	GSFC/SMC - ESDT installation in 6A takes substantially long
31461	OPS_STMGT	2	C	EDC	Problems with Null comparisons in client library for STMGT code in Media
31646	OPS_STMGT	2	V	GSFC	GSFC/SMC: FTP host name truncated to g0acg01 in the ECS Not
31653	OPS_DBDM	2	T	EDF	The Build script for the STMGT DB contains errors
31660	OPS_INGST	2	T	EDC	6A.04:TS2:Ftp Notify in ingest not working
31682	OPS_STMGT	2	T	GSFC	File copy logs progress too frequently
31701	OPS_DBDM	2	T	GSFC	Fwd SMC/GSFC: Suspended distribution jobs couldn't be resum
31712	OPS_DBDM	2	T	GSFC	Add stored procs for Archive Migration to build script & DUE Trigger
31726	OPS_STMGT	2	T	GSFC	GSFC/SMC - Big Staging Disk Problems - Production and S4PM
31784	OPS_DBDM	2	T	GSFC	GSFC/SMC: RestoreResultsMismatch in Distribution (assign t

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