ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	22 SEP 00	00-0952	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.05_STGMT.01 to all sites. Provides fixes for all STGMT NCRs that have been merged to the 5B.06 baseline by 9/21/00.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 22Sept2000
9/22/00	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for Tim Dates 9/22/00	Update ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	N/A	DSS/STMGT

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
Fixes for 13 NCRs (see attached list)

23. Problem: (use additional Sheets if necessary)
Fixes for the STGMT NCRs on list need to be delivered to the DAACs.

Incorporate IRIX65 fixes that are in 5B.05 as well. SGI files are provided for both sgi 6n32 and IRIX65.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.05_STGMT.01 will provide fixes to the NCRs listed. TE can be loaded on top of STGMT installations of 5B.03 and 5B.05 Files provided for both sgi 6n32 and IRIX65.

NOTE: Some of the NCRs listed in this CCR have previously been included with earlier TEs. This is because this TE is delivering the complete STMGT package and not all sites have installed all previous TEs.

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.06 is available at the DAACs.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs must continue to work around the problems and/or modify operating procedures.

27. Justification for Emergency (If Block 15 is "Emergency"):
Resolves DAAC operational problems and many of the NCRs are on the priority list..

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Date:

32. EDF/SCDV CCB Chair (Sign/Date): 9/22/00	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 9/22/00	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

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ADDITIONAL SHEET

CCR #: 00-0952 **Rev:** **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.05_STGMT.01 to all sites. Provides fixes for all STGMT NCRs that have been merged to the 5B.06 baseline by 9/21/00.

CM: PLEASE,

build SGI (6n32) TAR file for the listed .pkg from current 5B baseline and provide to SMC

.EcDsStArchive.pkg
.EcDsStDatabase.pkg-
.EcDsStIngestFtp.pkg
.EcDsStPullMonitor.pkg

build SGI (IRIX65) TAR file for the listed .pkg from current 5B baseline and provide to SMC.

.EcDsStArchive.pkg
.EcDsStDatabase.pkg
.EcDsStIngestFtp.pkg
.EcDsStPullMonitor.pkg

SMC: Receive the TAR files and make available to the DAACs, PVC and VATC.

DAAC Install Instructions:
TE can be loaded on top of STMGT installations of 5B.03 , and 5B.05.

For this install you will be using parts of the 5B.03 Install Instructions.

1. Get TAR Files from SMC distribution;
Make sure you select the proper SGI TAR files--either for 6n32 or IRIX65.

2. UNTAR the files and copy to the staging area.

3. Modify the file permissions as specified below

```
cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 744 DSS/DsDbSybaseLogins
```

4. On a SUN host, use E.A.S.I. to perform automated installation of the STMGT SGI hosts as follows:

   a. Select the Mode to be installed
   b. Enter the location of the staged files
   c. Select CUSTOM and Click Next
   d. Hold down the SHIFT Key and select each of the STMGT SGI hosts. Click Next
   e. Select Install as the Installation Phase and Click Next
   f. Select NORMAL as the Installation Type and STAGE as the Source File Location . Click Next
   g. Review the packages and hosts as displayed to ensure that they are going to be installed appropriately. Click Next
   h. Click COMM and ensure all hosts turn green, signaling they are communicating with ECS E.A.S.I.
   i. Click INSTALL and monitor each host. Ensure each SGI hosts turns green signaling a successful installation.

5. Apply the STMGT Datatbase patch on the STMGT xxacgxx host. Must have DBO privilege to perform this task.:

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a. Determine the current version of the STMGT database
   i. Use isql to access the STMGT database
   ii. Execute the following
      Select * from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
   iii. Record the value in the EcDbComments field
b. Apply the STMGT Database Patch from the SubSystem Manager.
   a. Click Database and Select Patch
   b. Select .dbparms
   c. In the Database Config Screen enter the next higher number than the number recorded in step a.iii above.
   d. Continue to apply the database patches until the STMGT database is patched to 5B25.25 version.

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STMGT NCRs Fixed Summary Table					
Identifier	Subsystem	Severity	State	Location	Description
ECSed24356	OPS_STMGT	1	T	EDC DAAC	OPS:4PY.12:e0acg01:EcDsStPullMonitorServer extremely slo
ECSed24430	OPS_STMGT	2	T	LaRC DAAC	Many dead lock error messages being generated on l0acg02
ECSed26232	OPS_STMGT	2	C	EDC DAAC	OPS:5A.02:DDIST: Requests 'suspended with errors' fail immediately afte
ECSed27113	OPS_COTS	1	C	EDF	Ftp copy daemon fills process table with defunct processes under load
ECSed27232	OPS_MSS	1	C	EDF	Memory corruption in irix65
ECSed27385	OPS_STMGT	2	T	PVC	SDSRV returns a wrong status to the Ingest
ECSed27426	OPS_MSS	3	V	EDF	A Registry patch is needed for every subsystem and component
ECSed27624	OPS_STMGT	2	T	GSFC DAAC	GSFC/SMC: STMGT GUI causing sybase locks in OPS mode
ECSed27660	OPS_STMGT	2	C	EDF	Semaphore loggin in /var/adm/SYSLOG
ECSed27683	RelB0_STMGT	1	C	EDF	Ingest hangs in EcDsStResourceProvider::AutoRestart
ECSed27961	OPS_STMGT	2	V	EDF	FtpDisServer core dumps
ECSed28031	OPS_STMGT	3	V	EDF	Insufficient info to debug CopyDaemonClientIF
ECSed28194	OPS_MSS	2	T	EDF	Need to update the .cfgpatch and .rgypatch files for 5B.06

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