ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	21 DEC 00	00-1174	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.06_SDSRV.06 to all sites. Provides fixes to EDC for L7 floating scn; and to GSFC for QA-Mut correction. Plus other NCRs. Provide to all DAACs, VATC and PVC.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 21DEC2000
12/21/00	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for Tim Ortiz 12/21/00	Update ECS Baseline Doc.	Emergency

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

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:
27682(interim fix),29088,28831, others see attached list.

23. Problem: (use additional Sheets if necessary)
Fixes for the listed NCRs requested by EDC. QAUT by GSFC. Others listed on next page are included due to baseline merges.
NCR 27682: (interim fix) removed the block size factor in the extemsion of the staging area for the CPF file (line 1286).
28990 Function DsDeDescriptorModifier::ValidateAttributes has been modified. When a "bad" metadata is updated, the system will fail the updating rather than core dump itself.
28831 QaMUT changes
Others see attached list.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.06_SDSRV.06 will provide fixes to the NCRs listed above. TE can be loaded on top of SDSRV installations of 5B.06 and replaces TEs 5B.06_SDSRV.03, .04, and .05:
NOTE: The fix provided within for 27682 is an interim fix -- a final fix is expected in Jan/01.

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.07 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 several 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): 12/21/00	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 12/21/00	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

ORIGINAL

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Evan Winston

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

Title of Change: Test Executable 5B.06_SDSRV.06 to all sites. Provides fixes to EDC for L7 floating scn; and to GSFC for QA-Mut correction. Plus other NCRs. Provide to all DAACs, VATC and PVC.

CM: PLEASE, build Sun TAR file(s) for the listed files from current 5B baseline and provide to the SMC.

.EcDsSdSDSRV.pkg
.EcDsSdOPSWS.pkg

all the files in the following directory:
/ecs/formal/ESDT/lib/sun5.5 (all the DLLs)

and these two files:
/ecs/formal/ESDT/sybase/db/data/DsDbSODictionaryData.sql
/ecs/formal/ESDT/sybase/db/data/EcDsSrDbValids

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

DAAC Install Instructions:
TE can be loaded on top of SDSRV installations of 5B.06. This replaces all other 5B.06 TEs for SDSRV (5B.06_SDSRV.03 and .04 and .05)!!
Required for EDC, GSFC for QA-MUT, other sites optional: NOTE other sites may still have need for SDSRV.03 and .04 or .05 if they decide not to use this .06!!!!!!

1. Get TAR Files from SMC distribution;

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 0744 DSS/DsDbSybaseLogins

4. Perform the following copy commands in preparation for installing new valids

   cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/utilities/EcDsDrDbValids /usr/ecs/<mode>/CUSTOM/utilities/

   cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms/DSS/DsDbSODictionaryData.sql file /usr/ecs/<mode>/CUSTOM/dbms/DSS/

5. As the cm<MODE> user, perform the following:
   Go to the directory where the ESDT DLLS are maintained
   cd /usr/ecs/<MODE>/CUSTOM/lib/ESS
   cp /<distribution_directory>/<stage_directory>/SUN/CUSTOM/temp/DSS .

6. As the cmshared/allmode user, perform the following
   cd /usr/ecs/<MODE>/CUSTOM/lib/ESS
   cp *ESDT*.so /usr/ecs/<MODE>/CUSTOM/lib/DSS

7. On the SDSRV host use the ECS Assistant SubSystem Manager to perform the installation of the SDSRV package

ORIGINAL

8. Use the ECS Assistant to run the database patch 58.71

9. Install the SDSRV Valids from the ECS Subsystem Manager. Must have DBO privilege to perform this task.
    a. Click Database
    b. Select DBValids
    c. Select .dbparms
    d. Click OK on the EcDsSrDbValids screen
    e. Enter SDSRV DB access values as prompted

10. Review the Registry Database for SDSRV and ensure it contains the following parameters.

SDSRV_NOTIFIERQ_DATARETENTIONHOURS	with a values of 48
SDSRV_NOTIFIERQ_CLEANUPINTERVALSECS	with a values of 3600
SDSRV_REQUEST_CLEANUPINTERVALSECS	with a value of 3600
SDSRV_REQUEST_DATARETENTIONHOURS	with a value of 48

If the Registry does NOT contain these parameters, use the ECS Assistant SubSystem Manager to apply the SDSRV .rgypatch

Must have DBO privilege to perform this task.

a. Select Tools from the top line Menu
b. Select Registry Data Patch
c. Enter the Registry DB access parameters as prompted. Ensure that the <RETURN> key is pressed after entering the value for Registry DB Name. Click the down arrow to select the appropriate Registry Tree to Patch. Click the "Select Patch File" button to enter the path whtere the .rgypatch is located.

    /usr/ecs/<MODE>/CUSTOM/.installed/DSS/sdsrv/.rgypatch

Ensure both the Registry and SDSRV are re-started.

CM01AJA00

ORIGINAL

SDSRV NCRs

TE 5B06_SDSRV.06

Identifier	Subsystem	Severity	State	Location	Description
* ECSed27682	OPS_SDSRV_ESDT	2	M	EDC DAAC	5B:TS1: SDSRV unable to extend stag disk on floating scene
ECSed27706	OPS_SDSRV	2	T	EDC DAAC	ASTER L1B Browse does not work in Drop 5B
ECSed27968	OPS_SDSRV_DTS	2	T	EDC DAAC	5B.03:All Modes:Invalid entries in the DsMdInputGranule tab
ECSed28324	OPS_SDSRV_ESDT	5	M V	EDF	ESD72-117: changes for MOD10A1 and MOD10A2.
ECSed28350	OPS_SDSRV_ESDT	5	M V	EDF	ESD72-121&122: Changes for MOD29, MOD29P1D, MOD29P1N
ECSed28358	OPS_SDSRV_ESDT	5	T V	EDF	ESD72-110: Make changes for MOD35ANC.
ECSed28359	OPS_SDSRV_ESDT	3	T V	EDF	ESD72-107&ESD72-111: Make changes to MOD07_QC and MOD07LUT.
ECSed28702	OPS_SDSRV	2	V	EDF	SDSRV Fails Granules w/Multiple Hardcoded Containers
ECSed28831	OPS_SDSRV_IIF	2	T	VATC	QA MUT Script Failed
ECSed28869	OPS_SDSRV_ESDT	5	M	EDF	ESD136:Changes for MOD17A2
ECSed28871	OPS_SDSRV_ESDT	5	T	EDF	ESD72-96: Changes for MOD01SS
ECSed28884	OPS_SDSRV_ESDT	2	M	VATC	Error in archive filename extension (format) for PREPQC data
ECSed28897	OPS_SDSRV_DTS	5	V	EDF	Bulk Loading scripts for Spatial Extent only support single data file
ECSed28990	OPS_SDSRV	2	V	EDF	COre dump in updating ESDT
ECSed29088	OPS_SDSRV_ESDT	2	V	EDF	Exception thrown in DsESDTAsAST_L1B.001.cxx (5B6A)
ECSed29172	OPS_SDSRV_DTS	3	V	EDF	Validate Data integrity of starting/ending blocks, insert of MISR; GLAS,
ECSed29233	OPS_SDSRV_DTS	3	V	EDF	Missing indexes from patch 5859
ECSed29241	RelB0_SDSRV	2	T	VATC	Search truncation is not correctly reported to the client
ECSed29257	OPS_SDSRV_IIF	2	V	EDF	SDSRV does not use formating string in error logging

* TEMPORARY CORRECTION APPLIED FOR THIS TE

ESDT NCR contain DLL and ESDT fixes
some ESDTs are supplied w/ TE 5B.06_ESDT.19

ORIGINAL

(This Page To Be Scanned)