ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	22 SEP 00	00-0954	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.05_DMS.02 to all sites. Provides fixes for all DMS 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).
9/22/00	Update ECS Baseline Doc.	Emergency

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

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 25 NCRs (see attached list)

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

Also the 5BP capability - L7 Pricing - is included.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.05_DMS.02 will provide fixes to the NCRs listed. TE can be loaded on top of DMS installations of 5B.03 and 5B.05

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 DMS 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

ORIGINAL

ADDITIONAL SHEET

CCR #: 00-0954 **Rev:** **Originator:** Evan Winston

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

Title of Change: Test Executable 5B.05_DMS.02 to all sites. Provides fixes for all DMS NCRs that have been merged to the 5B.06 baseline by 9/21/00.

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

.EcDmAsterToEcsGw.pkg
.EcDmEcsToAsterGw.pkg
.EcDmINTFCSVR.pkg

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

DAAC Install Instructions:
TE can be loaded on top of DMS installations of 5B.03 , and 5B.05. This replaces all other 5B.03and 5B.05 TEs for DMS.
This TE should be installed in conjuction with the TE 5B.05_SDSVR.02 as valids changes/updates are in both of these TEs

1. Get TAR File from SMC distribution;
PKG AsterToEcsGw is for use at the SMC
PKG EcsToAsterGw is for use at EDC
PKG INTFCSVR is for use at all DAACs.
2. UNTAR the file and copy to the designated staging area.
3. Modify the file permissions as specified below

```
cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
chmod 744 DMS/EcDmSybaseLogins.sql
```

3. Use the ECS Assistant SubSystem Manager to perform the installation of the appropriate DMS package (as specified in 1 above)

a. Select Mode to be installed
b. Select DM SubSystem to be installed
c. Select EcDm Component
d. Click StageInstall button and enter path to Staging Directory
/<distribution_directory>/<stage_directory>/SUN
e. Click Install and Select NORMAL Installation Type and STAGE File Location. Select the appropriate DMS as specified in 1 above and click OK

4. Apply the DMS Database Patch from the SubSystem Manager. Must have DBO privilege to perform this task.
a. Click Database and Select Patch
b. Select .dbparms
c. Ensure Patch File name is: EcDmDdDbPatch5B.sql and enter the DMS Sql DB access variables as prompted
d. After patch has been applied review patch log in the logs directory and disregard the following warning statements:

```
There is already an object named 'TempKeywordAlias' in the database.
There is already an object named 'DmDdKeywordAliasXref' in the database.
There is already an object named 'TempStringDomain' in the database.
There is already an object named 'DmDdStringDomain' in the database.
Attempt to insert duplicate key row in object 'DmDdInfoMgr' with unique index
  'pk_dmddinfomgr'.  Command has been aborted.
```

Ensure no other error messages are present in the db patch log.

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5. Validate that the database has the SchemaVersion of 72. Must have DBO privilege to perform this task.
    a. Use isql to access the DMS database
    b. Execute the following command:
        Select * from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
    c. Ensure the field EcDbSchemaVersionId = 72.
6. Use ECS Assistant SubSystem Manager to apply the Registry Patch. 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/DMS/.rgypatch
7. Ensure both the Registry and DMS Servers are re-started.

L7 Pricing

The .rgypatch applied above will load into the Registry Database pricing estimates for Landsat-7 WRS scenes, floating scenes, full subinterval and non-image products. Users will specify order parameters via the EDG and the V0 Gateway will prepare a price estimate based on those criteria. The pricing estimate will be provided to the EDG client for presentation to the user.

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DMS NCRs Fixed Summary Table					
Identifier	Subsystem	Severity	State	Location	Description
ECSed25189	OPS_DMS	2	C	EDC DAAC	Address fields passing wrong information
ECSed26027	OPS_DMS	2	C	EDF	AsterToEcsGateway: incorrect status if V0GW is down for all requests
ECSed26028	OPS_DMS	2	C	EDF	AsterToEcsGateway: no status comment on mixed result invent. search
ECSed26461	OPS_DMS	2	T	PVC	Memory Leak in V0 ECS Gateway
ECSed26790	OPS_DMS	2	C	EDC DAAC	OPS:Drop 5A.04:EDAAC Media Distribution Issues
ECSed26796	OPS_DMS	2	C	EDF	Invalid "Successful Query" when "No Match Found" should be displayed
ECSed26832	OPS_DMS	2	V	VATC	ECS To GDS Product Request ODL is missing required keywords
ECSed26883	OPS_DMS	2	C	NSIDC DAAC	OPS:5A.05: EcDmV0ToEcsGateway is coredumping - mprimett
ECSed26936	OPS_MSS	2	C	EDF	Need corrected .cfgpatch for DMS
ECSed26943	OPS_DMS	2	C	EDF	Update default dataset name within DMS files
ECSed26944	OPS_DMS	2	C	EDF	Drop 5B Media Distribution for Landsat not working correctly
ECSed27047	OPS_DMS	2	C	EDF	AsterToEcsGateway Inventory Search Failure for ETM+ Sensor Type
ECSed27057	OPS_DMS	2	C	VATC	Need change to .cfgpatch for Aster Gateways
ECSed27062	OPS_DMS	3	C	VATC	DDICT DB infoMgr table missing VATC entry
ECSed27181	OPS_DMS	3	T	VATC	Need to change ASGW Simulator files to respond to ASTER ICD msgs
ECSed27235	OPS_DMS	3	T	VATC	AsterToECS Temporal Inventory Search returns everything.
ECSed27426	OPS_MSS	3	V	EDF	A Registry patch is needed for every subsystem and component
ECSed27568	OPS_DMS	2	T	EDC DAAC	5B_OPS Lost Search Measurement capability
ECSed27668	OPS_DMS	2	T	EDC DAAC	5B.03:OPS: Contact info sent to EDG is incorrect
ECSed27719	OPS_DMS	2	T	VATC	Price Estimate request came back with syntax error for GDS-ECS
ECSed28054	OPS_DMS	2	T	EDC DAAC	OPS:5B.04 plus 5B.05.DMS.01-- Bad current node hangs in V0
ECSed28080	OPS_DMS	3	T	EDF	New Valids for L7 and AMSR-E
ECSed28171	OPS_DMS	3	T	EDF	Add new valids for MODIS
ECSed28194	OPS_MSS	2	T	EDF	Need to update the .cfgpatch and .rgypatch files for 5B.06
ECSed28142	OPS-DMS	2	M	EDF	Gv Does Not handle Data Access' Key