ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Cherry Kenney	9/12/01	01-0728	—	x4177	3204D	DEV/CO

8. CCR Title: PATCH _6A04_DMS.04 For All DAACs

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 12Sept01
Cherry A Kenney 9/12/01	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
9/12/01	Initial ECS Baseline Doc.	Emergency

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

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
6A	12Sept01	None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
31622 31781 29547 31675 30950 31481

23. Problem: (use additional Sheets if necessary)
31622 - ASTER-ECS I/O Ackn/Quit message
30950 - All modes:5A.05+jaguar: Sensor valid not mapped correctly after dms db p
31781 - Need to make a separte Database Package for DMS
29547 - Errors in IGS Metadata path/row search results
31675 - System error resulted for the Data Set name containg apostr g
31481- New valids need to be added to the Data Model for GCMD syncronization

24. Proposed Solution: (use additional sheets if necessary)
Patch 6A04_DMS.04 to provide the needed changes. To be loaded over top of 6A.04 Installations. . Packages delivered replaces packages delivered in Patch_6A04_DMS.02A_ASTER

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 DAACs to support 6A04 regression testing

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): Robert J Miller 9/12/01	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 9/12/2001	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 #: 01-0228 **Rev:** — **Originator:** Cherry Kenney

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

Title of Change: PATCH _6A04_DMS.04 For All DAACs
ClearCase

> > 1. Please build SUN TAR file for the listed packages from 6A04 baseline
> > for all DAACs.

> > >
> > EcDmINTFCSVR.pkg
> > EcDmDatabase.pkg
> > .EcDmEcsToAsterGw.pkg

DACC INSTALL INSTRUCTIONS

1. Get TAR File from SMC distribution;

List of packages:
> EcDmINTFCSVR.pkg
> > EcDmDatabase.pkg
> > .EcDmEcsToAsterGw.pkg

2. UNTAR the file and copy to the designated staging area.
___ a) Change to the platform staging directory:

cd /<distribution_directory>/<staging_directory>/SUN

___ b) Execute the setup script (change the permissions on the script to 755 if necessary):

./<drop_name>_Setup.ksh

___ c) At the prompt "Press ^C to Cancel, Any Other Key to Continue:", press any key except ^C.
___ d) At the "Continue? (Y/N):" prompt, enter Y
___ e) At the "Extract ECS tar packages? (Y/N):" prompt, enter Y
___ f) Verify that the staging area location is correct on the line "Install ECS Staging area to:
<distribution_directory>/<staging_directory>/SUN"
___ g) If correct, enter Y at the prompt "Enter ^C to Cancel, 'N' to change, 'Y' to continue:"
___ h) Verify that the following messages are received :
Cleaning up ... done.
Delivery setup is complete, you may now install ECS from staging area.
___ i) At the prompt "Update ECS Assist Common Files? (Root only)(Y/N)", enter Y

3. Use the ECS Assistant SubSystem Manager to perform the installation of the appropriate DMS package(s) (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>/SU
e. Click Install and Select STAGE File Location.

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f. Holding down the shift key, Select the three DMS packages as specified in Step 1 above and click OK

4. . On the xxinsxx machine, patch the DMS database as necessary:

a. Run DbPatch from the ECS Assist Subsystem Manager (select DBPatch from the Database menu after having selected the mode, subsystem (DMS), and component (EcDM) in the GUI). Check the EcDbDatabaseVersion table and verify the patch # is 85.

5. Ensure DMS Servers are re-started.

6. . Check logs for any error messages.

********** END OF INSTALLATION INSTRUCTION **********

Summary of all NCR fixes

ECSed31640 - Modified IPServer value for ASTER server to go through firewall.
Files in Task:
/ecs/formal/DM/.cfgparms
/ecs/formal/DM/.cfgpatch
/ecs/formal/DM/.rgypatch
Test Instructions for Checkout Lab - Standard regression test with ASTER

ECSed31622 - Aster-ECS I/) Ackn/Quit message
. Files in Task:
DmAsGwIKSocket.C
. Test Instructions for Checkout Lab:
Submit an Aster-ECS inventory search and the Quit ODL should have a status code of 1 for the successful search.

ECSed31481ECSed30950 - update validsmapping table for ETM+ changed to Landsat ETM+
Added GCMD valids
Files in Task:
/ecs/formal/DM/.cfgpatch
/ecs/formal/DM/DDICT/src/database/EcDmDdDbPatch6A.sql
/ecs/formal/DM/DDICT/src/database/data/DDictData/DmDdECSTopic.dat
/ecs/formal/DM/DDICT/src/database/data/DDictData/DmDdECSVariable.dat
/ecs/formal/DM/DDICT/src/database/data/DDictData/DmDdValidsMapping.dat
/ecs/formal/DM/DDICT/src/database/data/DDictData/DmDdValidsMapping.dat
Test Instructions for Checkout Lab:- Install DMS database package Apply patch6A

ECSed31781 - Added Separate database packages for DMS, SBSRV, Registry, IOS, INGEST, and PLS. Also added a separate GUI package for DDIST.
Files in Task:
/ecs/formal/COMMON/.packages
/ecs/formal/COMMON/.sitemap
/ecs/formal/DM/.EcDmDatabase.pkg
/ecs/formal/DM/.EcDmAsterToEcsGw.pkg
/ecs/formal/DM/.EcDmINTFCSVR.pkg@@/main/relb/jboliek_NCR31798_6A04/1
. Test Instructions for Checkout Lab:
Install the following database packages: DMS

ECSed29547 Errors in IGS Metadata path/row search results
Files in Task:
DmGwInvQuery.cxx
Test Instructions for Checkout Lab:
Submit an Inventory search with path/row for Landsat-7 data and the results should contain the same path/row as in the search if the search was successful.

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ECSed31675 - System error resulted for the Data Set name containing apostrophe
. Files in Task:
DmGwDirectoryQuery.cxx
Test Instructions for Checkout Lab:
Submit an inventory search for a Dataset having an apostrophe in its long name and the search should send the request to SDSRV and get the results.

IMPORTANT INFORMATION

NCR 31675 should be verified by GSFC, NCRs 29547 and 30950 should be
> verified by EDC.

CM01AJA00

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