

ECS Configuration Change Request

1. Originator Cherry Kenney	2. Log Date: 04/08/02	3. CCR #: 02-0282	4. Rev: —	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/SWIT
8. CCR Title: Patch_6A.05_DMS.07 and Patch_6A.05_SDSRV.02. For All DAACs. Contains fix for several DMS and SDSRV NCRs.						
9. Originator Signature/Date Cherry A. Kenney /s/ 4/8/02			10. Class II	11. Type: CCR	12. Need Date: 08Apr02	
13. Office Manager Signature/Date Arthur Cohen /s/ 4/8/02			14. Category of Change: Initial ECS Baseline Doc.		15. Priority: (If "Emergency" fill in Block 27). Emergency	
16. Documentation/Drawings Impacted:			17. Schedule Impact:		18. CI(s) Affected: DMS/SDSRV	
19. Release Affected by this Change: 6A		20. Date due to Customer: 08Apr02		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: See list of NCRs on page 2. 1						
23. Problem: (use additional Sheets if necessary) See list of NCRs on page 2.						
24. Proposed Solution: (use additional sheets if necessary) Patch_6A.05_SDSRV.02 MUST be installed on top of Patch_6A.05_DSS.01, Patch_6A.05_External_Subsetter_.01D, Patch_6A.05_QAMUT_01A, and Patch_6A.05_BMGT.01 Patch_6A.05_DMS.07 supersedes all previous 6A.05 DMS patches. It may be installed on any previous version of 6A.05 DMS.						
25. Alternate Solution: (use additional sheets if necessary) Deliver in 6A.06 on 5/15/02.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Operations will continue to experience problems fixed in these patches.						
27. Justification for Emergency (If Block 15 is "Emergency"): Operations experiencing problems documented in NCRs.						
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 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): Randall J. Miller /s/ 4/8/02			Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
33. M&O CCB Chair (Sign/Date): Pamela Johnson /s/ 4/8/02			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			

ADDITIONAL SHEET

CCR #: 02-0282 **Rev:** — **Originator:** Cherry Kenney

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

Title of Change: Patch_6A.05_DMS.07 and Patch_6A.05_SDSRV.02. For All DAACs. Contains fix for several DMS and SDSRV NCRs.

ClearCase

Please build One Sun tar file with the following packages:

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

The name of the tar file will be Patch_6A.05_DMS.07

ClearCase

Please build One Sun tar file with the following packages:

.EcDsSdDatabase.pkg
.EcDsSdSDSRV.pkg
.EcDsSdOPSWS.pkg

The name of the tar file will be Patch_6A.05_SDSRV.02

Please see attachments for DAAC Install Instructions

DMS NCRs

ECsed33143
ECsed33063
ECsed33142
ECsed33144
ECsed33220
ECsed33408
ECsed33484
ECsed33525
ECsed33579
ECsed33580
ECsed33583
ECsed33411
ECsed33461
ECsed32974
ECsed33265
ECsed33319

ECSed33558
ECSed32996
ECSed33406
ECSed33578
ECSed33659
ECSed33246
ECSed33605
ECSed33769

SDSRV NCRs

ECSed33122
ECSed33226
ECSed30925
ECSed31973
ECSed32878
ECSed33227
ECSed32642
ECSed31704
ECSed33416
ECSed33636
ECSed33649
ECSed33572
ECSed33723
ECSed33750
ECSed33616
ECSed33643
ECSed33609
ECSed33651
ECSed33604
ECSed33819
ECSed33750

Install Instructions for Patch_6A.05_SDSRV.02

***** **IMPORTANT NOTE** ****

Patch_6A.05_SDSRV.02 **MUST** be installed on top of Patch_6A.05_DSS.01, Patch_6A.05_External_Subsetter_.01D, Patch_6A.05_QAMUT_01A, and Patch_6A.05_BMGT.01.

The Science Data Server and the External Subsetter use some of the same libraries on the same platform; therefore:

A) If Patch_6A.05_External_Subsetter.02 is installed, Patch_6A.05_SDSRV.02 must be installed at the same time, or the Science Data Server will break.

B) If Patch_6A.05_SDSRV.02 is installed, Patch_6A.05_External_Subsetter.02 must be installed at the same time, or the External Subsetter will break. If the DAAC is not yet using the External Subsetter, it may defer the installation of Patch_6A.05_External_Subsetter.02.

A. SETUP:

1. Untar the SUN tar file using the provided Setup.ksh script. When prompted, you must install the new version of EcsAssist.
2. `cd <staging_area>/SUN/CUSTOM/dbms/DSS`
3. `chmod -R 775 *`
4. `cd <staging_area>/IRIX65/CUSTOM/utilities/DSS/`
5. Edit the following EcDsScienceDataServerMkcfg file as follows:

Find the line with the following text:

```
DSSSrEnv          = \${DSSSrEnv1} \${DSSSrEnv2} \${DSSSrEnv3} \${DSSSrEnv4} \${DSSSrEnv5}
\${DSSSrEnv6} \${DSSSrEnv7} \${DSSSrEnv8} \${DSSSrEnv_DB}
```

Change the line to the following:

```
DSSSrEnv          = \${DSSSrEnv1} \${DSSSrEnv2} \${DSSSrEnv3} \${DSSSrEnv4} \${DSSSrEnv5}
\${DSSSrEnv6} \${DSSSrEnv7} \${DSSSrEnv8} \${
DSSSrEnv9} \${DSSSrEnv_DB}
```

(you are adding the value \\${DSSSrEnv9})

6. Suspend all Distributions using the Distribution GUI (using the Suspend All option). and quiese any INGEST.
7. Take down the SDSRV and any copies of the SDSRV GUI. (You should also kill the EcDsResubmit tool if you are using it.)

B. INSTALLATION:

1. Logon to any SUN in the .sitemap. (E.A.S.I must be run from a SUN)
2. Bring up EcsAssist and via E.A.S.I. install the following three packages:
 - .EcDsSdSDSRV.pkg
 - .EcDsSdOPSWWS.pkg
 - .EcDsSdDatabase.pkg

C. CONFIGURATION:

The following new parameters will be added or updated in the to the SDSRV .cfgparms :

Parameter Name	Default Value	Recommended Value
SDSRV_SQLTIMEOUT	3600	7200
SDSRV_CATALOGS_DEFAULT	6	6
SDSRV_CATALOGS_SEARCH	6	6
SDSRV_CATALOGS_INSERT	3	3
SDSRV_CHUNKING_SWITCH	ON	ON

The following new parameters will be deleted from the SDSRV .cfgparms :

Parameter Name	Reason to Delete parameter
SDSRV_AUTO_INSPECT_SWITCH	No longer needed
DBPASSWDSEED	Set by Mkcfcg now
SYBASE	Set by Mkcfcg
SYBINTERFACES	Set by Mkcfcg
DSS_NUM_GEN_CATALOGS	Replaced with new parameters

The following new parameters will be added to the .cfgparms for the new EcDsResubmit utility:

Parameter Name	Default Value	Recommended Value
Site	RBD	Your Site
DBNAME	EcDsScienceDataServer1	The name of the SDSRV database for the specific MODE
DBUSERNAME	EcDsScienceDataServer	EcDsScienceDataServer
DSQUERY	f2acg01_sqs322_srvr	One of the sqs instances used to interface with SDSRV (xxacgnn_sqs322_srvr_n)
SDSRV_SYBASE_SERVER	f2acg01_srvr	The name of the sybase sql server used by SDSRV (xxacgnn_srvr)

1. Log on to the host where the SDSRV resides
2. Bring up EcsAssist Subsystem Manager
3. Choose the Mode, the DSS, then EcDsSr.
4. Click on Configuration
5. Click on the tab for EcDsResubmit and verify the proper configuration parameters. Also check the new values for the SDSRV are set properly for your DAAC. Verify the other SDSRV parameter values agree with the values already stored in your registry.
6. Click on OK. This will run the Mkcfcg for Granule Deletion, SDSRV, The QA Metadata Update Utility, and the SDSRV GUI as well as for the new Resubmit tool. Delete the following files: EcDsGranuleDelete.CFG, EcDsSdSrvGui.CFG, EcDsScienceDataServerClient.CFG. These files will not have changed.
7. Compare the newly generated EcDsScienceDataServer.CFG with the values in the EcDsScienceDataServer.CFG.rgy file. You may either use the EcCoPopulateRegistryTool to populate the Registry with the newly generated EcDsScienceDataServer.CFG file or you may use EcsAssist to apply the Registry Patch. If you want to use the Registry Patch to update the SDSRV configuration in the Registry, then move the new EcDsScienceDataServer.CFG to EcDsScienceDataServer.CFG.rgy. If you want to load the Registry with the new SDSRV config file using the EcCoPopulateRegistry tool, then skip step 8.
8. Update the SDSRV configuration in the Registry using the Registry Patch by doing the following:
 - a. On the Tools Pull Down Menu click on Registry Data Patch
 - b. Fill in the requested information:
 - Registry Database Server: xxicgnn_srvr
 - Registry DBO Id: css_role
 - Registry Password: <put in your password>
 - Registry DB Name: EcCsRegistry<_MODE> hit return or enter
 - From the pull down list choose the correct tree to update
 - For the Patch File name input: /usr/ecs/<MODE>/CUSTOM/.installed/DSS/sdsrv/.rgypatch
9. Load the the EcDsResubmit utility config file into the registry by using the EcCoPopulateRegistry tool. To do this type the following command:

```
EcCoPopulateRegistry <MODE> <xxacsnn> ALL <registry_sybase_srvr> <Registry_DBO> <Registry DBO Password> <RegistryDatabase Name> <Name of the Tree to update>
```

Example: EcCoPopulateRegistry TS2 p0acs03 ALL p0icg01_srvr css_role welcome EcCsRegistry_TS2 TS2_6A.05

10. In the /usr/ecs/<MODE>/CUSTOM/cfg directory move the EcDsResubmit.CFG file to EcDsResubmit.CFG.rgy and if you have not already done so move the EcDsScienceDataServer.CFG file to EcDsScienceDataServer.CFG.rgy

D. PATCH THE SDSRV DATABASE:

1. On the host where the SDSRV database is installed (xxacsnn), bring up EcsAssist Subsystem Manager
2. Select the MODE, DSS, EcDsSr and then click on Database pulldown menu click on DbPatch.
3. Click on dbparms. Verify the SQSSERVER value is correct for your DAAC. The GROUPNAME should be sdsrv, the Patch value should be 6.2.24, the Environment should be DAAC, and NOCONFIRMATION should be set to 1.
4. Fill in the DBO ID, PASSWORD, SQL Server Name, and DatabaseName.
5. Update the SDSRV database with the following patches:

Patch Number	Patch Description
6215	BMGT Patch (already applied by Patch_6A.05_BMGT_01)
6216	Fix for Remove ESDT (already applied by Patch_6A.05_QAMUT_01A)
6217	Fix for Granule Delete (already applied by Patch_6A.05_QAMUT_01A) – same patch as 6214.
6218	Creates foreign key constraints, deletes all the insert triggers, and updates all the updated triggers for all the collection level tables (already applied by Patch_6A.05_QAMUT_01A)
6219	QAMUT Performance enhancement Adds index on DsMdGranule table. (already applied by Patch_6A.05_QAMUT_01A)
6222	L7 Error handling fixes. Modified the store procedure ProcMergeL7GranuleMetaData and ProcDemergeL7GranuleMetadata to add new PSA and improve performance. – (New)
6224	Remove ESDT, ProcCleanCollection modification. – (Correction for Patch 6216)

E. POST INSTALLATION:

1. Login in to the SDSRV host (xxacsnn) as the user that normally runs the ECS servers (cmshared or at GSFC allmode).
2. cd /usr/ecs/<MODE>/CUSTOM/lib/DSS
3. Verify the current user owns the *ESDT*.so files.
4. cp /usr/ecs/<MODE>/CUSTOM/lib/ESS/*ESDT*.so .
5. chmod 755 *ESDT*.so
6. Warm Start the SDSRV. You may also bring up the STMGT GUI if needed.
7. Manually Resume all distributions on the DDIST GUI and click on Resume ALL.

Install Instructions for Patch_6A.05_DMS.07

***** **IMPORTANT NOTE** *****

Patch_6A.05_DMS.07 supersedes all previous 6A.05 DMS patches. It may be installed on any previous version of 6A.05 DMS.

A. SETUP:

1. Untar the SUN tar file using the provided Setup.ksh script.
2. cd <staging_area>/SUN/CUSTOM/dbms/DMS
3. chmod -R 775 *

B. INSTALLATION:

1. Logon to any SUN in the .sitemap. (E.A.S.I must be run from a SUN)
2. Bring up EcsAssist and via E.A.S.I. install the following four
3. packages:

- .EcDmDatabase.pkg
- .EcDmEcsToAsterGw.pkg
- .EcDmINTFCSVR.pkg
- .EcDmAsterToEcsGw.pkg

C. CONFIGURATION:

The following new parameters will be added or updated in the to the DMS .cfgparms for the EcDmV0ToEcsGateway:

Parameter Name	Default Value	Recommended Value
BillableElements	L70R 1 0 L70RWRS 2 500	L70R 1 0 L70RWRS 2 500
EDGReqAttributesList	Adds STATION_ID to this parameter	Adds STATION_ID to this parameter
GranulesPerSDSRVChunk	100	100
MaxNumberOfCollectionIds	240	240
MaxNumberOfDatasets	100	100
MaxDatasetMessage	Default message ¹	Default message
SuccessfulStatusComment	Default message ²	Default message

1. Log on to the host where the V0 Gateway resides.
2. Bring up EcsAssist Subsystem Manager
3. Choose the Mode, the subsystem DM, then the component EcDm.
4. Double click on the mode EcDmV0GatewaysApp beneath the component EcDm and then click on the EcDmV0ToEcsGateway node.

¹ Default message for MaxDatasetMessage reads: "Your query requires searching more than the Data Center limit of 100 datasets. Please reduce the scope of your query by selecting specific datasets to search."

² Default message for SuccessfulStatusComment reads: "Thank you for your order. An email notification will be sent when order processing has been completed. Order processing typically takes several hours to several days. Large orders may take longer. Tape, CD-R, and DVD-R orders will be shipped on the next business day after processing has been completed. Shipping time is typically 3 to 14 business days depending on your location."

5. Click on Configuration
6. Choose .cfgparms from the File selection dialog and verify that the new (and existing) configuration parameters are set in the V0 Gateway for your DAAC.
7. Click on OK. This will run the Mkcfg for the V0Gateway.
8. Compare the newly generated EcDmV0ToEcsGateway.CFG with the values in the EcDmV0ToEcsGateway.CFG.rgy file. You may either use the EcCoPopulateRegistryTool to populate the Registry with the newly generated EcDmV0ToEcsGateway.CFG file or you may use EcsAssist to apply the Registry Patch. If you want to use the Registry Patch to update the V0 Gateway configuration in the Registry, then move the new EcDmV0ToEcsGateway.CFG to EcDmV0ToEcsGateway.CFG.rgy. If you want to load the Registry with the new V0Gateway config file using the EcCoPopulateRegistry tool, then skip step 9.
9. Update the V0 Gateway configuration in the Registry using the Registry Patch by doing the following:
 - a. On the Tools Pull Down Menu click on Registry Data Patch
 - b. Fill in the requested information:
 - Registry Database Server: xxicgmn_srvr
 - Registry DBO Id: css_role
 - Registry Password: <put in your password>
 - Registry DB Name: EcCsRegistry<_MODE> hit return or enter
 - From the pull down list choose the correct tree to update
 - For the Patch File name input: /usr/ecs/<MODE>/CUSTOM/.installed/DMS/.rgypatch

D. PATCH THE DMS DATABASE:

1. On the host where the DMS (EcDmDictService) database is installed (xxinsnn), bring up EcsAssist Subsystem Manager
2. Select the MODE, DM, EcDm and then click on Database pulldown menu click on DbPatch.
3. Click on dbparms. The PATCH value should be 6052.
4. Fill in the DBO ID, PASSWORD, SQL Server Name, and Database Name.
5. Update the DMS database with the following patch:

Patch Number	Patch Description
6052	Latest DMS valids patch

E. POST INSTALLATION:

1. Restart the EcDmDictServer, EcDmV0ToEcsGateway and EcDmMaintenanceTool.

PATCH/TEST EXECUTABLE TEST PLAN/REPORT		
ECS System Integration and Test		
Patch/Test Executable Name/ID: Patch_6A.05_SDSRV.02	Patch Delivery Date: 03/27/02 Patch Installation Date: 03/28/02 Install Location/Mode: PVC/TS2	Lead Engineer: M. Ricucci
NCR ID/Name (Attach if list): 33122, 33226, 30925, 31973, 32878, 33227, 32642, 31704, 33416, 33636, 33649, 33572, 33723, 33750, 33616, 33643, 33609, 33651, 33604, 33819	Footprint: (Description of delivery and affected subsystems)	
Test Objectives (Functional/Performance/Regression/Recovery)/ New Functionality Ops Concept(s): To test a variety of patches dealing mostly with GSFC, EDC, NSIDC, and LaRC.		
Test Location/Modes/Tools: PVC: TS2/OPS EDG 3.3b6, Client Driver, SDSRV test driver	Test Data	
Development POC: Peter Smith Submitter POC: _____	Other Test Execution Needs: (Personnel, etc.)	
REQUIRED DATE (IF ANY): _____		
Planned Completion Time/Date: (Including Preparation Time) DAYS: 5 HRS: DATE: 4/4/02		
Planned High-level Test Approach (By NCR, if applicable)		
Inputs/Actions:	Outputs/Expected Results:	Comments:
33122 (C) – Convert SDSRV collection level triggers to foreign key constraint 1. EDF NCR. Verified by development.		CLOSED
33226 (C) – Nightly build for L7 ESDT is incorrect 1. EDF NCR. Verified by development.		CLOSED
		VERIFIED

<p>30925 (T) – L7 Error Handling Tool doing tablescan of DsmDGranules</p> <ol style="list-style-type: none"> 1. Run EcDsSrDbL7ErrorHandling tool 2. Demerge L7OR granule. 	<p>Demerge was successful and took less than one minute.</p>	<p>DAAC</p>
<p>31973 (T) - L7 LPS Ingest Tying up Sybase Connection</p> <ol style="list-style-type: none"> 1. Per Randy, this NCR needs to be tested at DAAC. <p><i>EDC DAAC Verification</i></p>	<p>Inserted three granules for each instance using the following characters in the data file name and in the LocalGranuleID: (# : -). The expected outcome was received.</p>	<p>VERIFIED</p>
<p>32878 (T) – Distribution filenames should not include special characters</p> <ol style="list-style-type: none"> 1. Insert several granules with a LocalGranuleID with special characters in it. 2. Insert several granules with no LocalGranuleID. Instead have special characters in data file name. 	<p>No memory leaks were observed.</p>	<p>VERIFIED</p>
<p>33227 (T) – SDSRV on e0acs05 is growing quickly in virtual size</p> <ol style="list-style-type: none"> 1. View the Whazzup stats created during the EDC 24 hour run in the PVC OPS mode (3/21 – 3/22) for memory leaks. 	<p>Ran in TS2 & OPS. In both modes, SDSRV completed the search within seconds before timeout specified. Sending to DAAC for verification.</p>	<p>DAAC</p>

<p>32642 (T) – Suspicious queries slow the Science DataServer</p> <ol style="list-style-type: none"> 1. Change SDSRV_SQLTIMEOUT to 200 secs. 2. Change EDG timeout to 2 mins. 3. Submit 1000 L70RWRS search. 4. Check SDSRV.ALOG to see if SDSRV times out before search completion. 	<p>Each successfully ran in 15 seconds. Queried database and they were gone. Note: Nothing else was running in TS2.</p>	<p>VERIFIED</p>
<p><i>GSFC DAAC Verification</i></p>		<p>VERIFIED</p>
<p>31704 (T) – EcDsSrRmesdt execution time is operationally una</p> <ol style="list-style-type: none"> 1. Add two ESDT's. 2. Run EcDsSrRmesdt. 3. Verify it runs in a reasonable amount of time. 	<p>Both logs show failure.</p>	<p>VERIFIED</p>
	<p>Log reflected expected results.</p>	
<p>33416 (T) – Data in archive, but not in database</p> <ol style="list-style-type: none"> 1. Alter short name in .met file for TEST01 granule. 2. Insert TEST01 granule. 3. View SDSRV logs for failure. 		<p>VERIFIED</p>
<p>33636 (T) – Landsat 7 requests fail in subset staging</p>	<p>EcDsSrDbValidis was changed accordingly.</p>	
<ol style="list-style-type: none"> 1. Submit L7 Polar Data w/more than 15 fixed scenes. 2. Look in SDSRV debug log to verify that the second band81 		<p>VERIFIED</p>

<p>delete receives a Severity = OK.</p> <p>33649 (T) – EcDsSrValid script contains an illegal SYBASE operation</p> <ol style="list-style-type: none"> 1. View EcDsSrDbValid. 2. Verify lines of code were changed based on the Analysis portion of NCR. <p>33572 (T) – GSFC/SMC-EDG searches cause a major slowdown in OPS</p> <ol style="list-style-type: none"> 1. Simultaneously submit a search, acquire and insert. 2. View SDSRV.ALOG to verify that they are using different pools. <p>33723 (T) – The Grant script for SDSRV should only update grants for dbo</p> <ol style="list-style-type: none"> 1. Apply database patch and verify grant script runs ok. <p>33750 (M) – Need to add the DLLs and the SDSRV valids file to the SDSRV .pkg</p> <ol style="list-style-type: none"> 1. Verify DLL's were automatically updated in the ~/lib/ESS directory during install <p>33616 (C) – Failure during</p>	<p>They are using different pools.</p> <p>There were no errors in the Dboutfile_GRANTS6324 file.</p> <p>They were updated.</p> <p>ScienceDataServer didn't crash when getting metadata.</p>	<p>VERIFIED</p> <p>VERIFIED</p> <p>CLOSED</p> <p>DAAC</p>
---	---	---

<p>GetMetadata causes SDSRV core</p> <ol style="list-style-type: none"> 1. Inserted two AST_L1A granules, then made one version 002 & one version 202. 2. Inserted one AST_L1B version 002 granule. <p><i>Verified by development</i></p>	<p>Validations were run at install. MODOCL2B successfully added.</p>	<p>VERIFIED</p>
<p>33643 (T) – LaRC Subscriptions – Link failures for metadata files</p> <ol style="list-style-type: none"> 1. Per development, this NCR can only be tested at DAAC. <p><i>DAAC Verification</i></p>	<p>SDSRV alog reflects versionID as part of the constraint.</p>	<p>VERIFIED</p>
<p>33609 (T) – SDSRV fails to support the addition of ECSPParameterKeyword valids</p> <ol style="list-style-type: none"> 1. Verify Validations were run at time of install. 2. Add MODOCL2B 004 via SDSRV GUI. 	<p>Failed request was resubmitted.</p>	<p>VERIFIED</p>
<p>33651 (V) – AST_L1A/B DLL search does not constraint version ID</p> <ol style="list-style-type: none"> 1. Install AST_L1A and AST_L1B version 002 granules. <p><i>Verified by development</i></p>	<p>Watched the request retry about twenty times before bringing up DDIST server. Request successfully completed.</p>	<p>VERIFIED</p>
<p>33604 (T) – EcDsScienceDataServer must</p>		

be warm bounced to reset
Aborted Requests

1. Have failed request's available in SDSRV database.
2. Run EcDsResubmitStart.

33819 (T) – SDSRV does not
retry distributions

1. In Registry GUI, change SDSRV_DDIST_TRY_COUNT from 3 to 0.
2. Bring DDIST server down.
3. Submit acquire.
4. View SDSRV debug logs for retries, and that the request doesn't fail.
5. After at least five minutes, bring DDIST up warm.
6. Acquire should complete normally.
7. In Registry GUI, change SDSRV_DDIST_TRY_COUNT back to 3.

List of Planning Attachments (Procedures/data/etc.):

Signature of Lead Tester:

Date Completed:

6A.05 DMS.07 Patch Test Plan/Report

NCR	Title	Test Plan	Test Report	Status	Comment
32974(C)	Subset_Spec group does not conform to the Subsetter ICD	1. Perform a search for the L70R data set. 2. Submit an order.			Verified by the development.
32996(T)	DATA_CENTER_ID not correct in Data Dictionary in 6A04	1. Update all collections via the DDICT Mtool 2. Generate a valids file by exporting valids	A valids file was generated with the DATA_CENTER_ID = "ECS-LaRC".	Verified	
33063(C)	Order of MODIS Data Sets charged improperly	1. Perform a search for 65 granules of four MODIS data sets. 2. Select all four data sets and click on 'Add data granules to cart'. 3. Select the distribution option for the first granule of each data set.	The page 'Step 1: Choose Ordering Options' returned with \$0.00 listed under Cost (US\$) and the following info.: There are currently 260 items in your shopping cart, 260 items are ready to be ordered. No Subtotal or Total cost info. displayed.	RTed with 10 granules of AST_L1B and L70RWRS data sets. Order was charged correctly.	Verified with 6A.05_DMS.01 in PVC/TS2. Will be RTed.
33142(C)	No granule returned from Path/Row search for L70RWRS	1. Perform a search for five granules of the L70RWRS data set. 2. Perform a path/row	The same five granules returned with the following path/row info.:	RTed	Verified with 6A.05_DMS.01 in PVC/TS2. Will be RTed.

		search by entering the Path and the range of Row returned from the first search.	Path Row ---- -- - 172 44 172 44 172 45 172 45 172 46		
33143(C)	Granules returned incorrectly from search by QAs	Perform a search by QAs for five granules of the MOD14 data set by setting both the Science Quality Flag and the Operational Quality Flag to 'Passed'.	Two granules returned with Science Quality Flag = Passed and Operational Quality Flag = Passed.	RTed with the AST_L1A data set.	Verified with 6A.05_DMS.01 in PVC/TS2. Will be RTed.
33144(C)	Ftp Browse for L70RWRS failed	Perform an Ftp Browse for the L70RWRS data set.	The browse file was shipped successfully.	RTed	Verified with 6A.05_DMS.01 in PVC/TS2. Will be RTed.
33220(T)	6A.05:PDS:Multiple granule orders fail in PDS				Shouldn't be verified at the site? Since this is a PDS-related NCR, recommend forwarding it to the site for verification.

33246(T)	EDAAC Operability: ESDT_Id field in EcAcRequest inconsistent for PD				Shouldn't be verified at the site? Since this is a PDS-related NCR, recommend forwarding it to the site for verification.
33265(C)	Multiple CRITERIA_VALUE 's in SPECIALIZED_CR ITERIA group	1. Perform a search for the L70R data set. 2. Submit an order.			Verified by the development.
33319(T)	Non Science Collection searches fail				Should be verified by the development.
33408(T)	6A.05: Multi granule orders not working	1. Perform a search for two granules of any data set. 2. Submit an order with both granules.	Both granules listed in the Order Summary page. The DDIST GUI displays 2 granules and 4 files. All 4 files were ftped.	Verified	
33411(V)	6A.05: STATION_ID not in the V0Gateway Registry	1. Start the Registry GUI. 2. Open the configuration file for the V0-ECS Gateway.	Inspected the Registry, STATION_ID is in the V0Gateway configuration.	Reverifi ed	Verified by Jenny B. Will be reverified.
33461(T)	6A.04:	Perform a search for	Four data sets	Verified	

	OPS:Inconsistent results on EDG searches	65 granules of four MODIS data sets.	returned with 65 granules each from both global and temporal searches.		
33484(T)	TS1:6A.05:Problem with adding entire dataset results to cart	1. Perform a search for the AST_L1B and L70RWRS data sets. 2. Select both data sets. 3. Add them to the cart.	Selected both AST_L1B and L70RWRS data sets returned from search and clicked on 'Add data granules to cart', all 20 granules were added to the cart.	Verified	
33525(T)	6A.05: DMS.03 Orthographic map searches are not accurate	1. Perform an Orthographic Map search for the New Orleans area. 2. Enter the temporal range of 2001-01-01 through 2001-06-01.			Verified at the EDC DAAC.
33578(T)	DMS opens one socket to MsOrderSrvr per granule for mult. gran FtpPush				Should be verified by the development.
33579(C)	Incomplete search results for multiple datasets in	Perform a search for 10 data sets.	Performed searches for 65 granules of 4 MODIS data sets,	RTed	Verified at the NSIDC DAAC.

	6A05		all 4 data sets returned with 65 granules each from both global and temporal searches.		Will be RTed.
33580(C)	Source and Sensor searches not working in 6A05	1. Perform a search for any data set containing source(s) and sensor(s). 2. Perform another search for the same data set by source and sensor returned from the previous search.	Perform searches for 10 granules of the L70RWRS data set with/without source and sensor, the same 10 granules returned.	RTed	Verified at the NSIDC DAAC. Will be RTed.
33583(C)	6A.05 FTPPush orders are generating one request per granule	1. Perform a search for 10 granules of any data set. 2. Submit an order for all granules via the FtpPush option.	Performed a search for 5 granules of the AST_L1A data set and submitted an order via the FtpPush option. The order was shipped as one order and one request with 5 granules and 10 files.	RTed	Verified at the NSIDC DAAC. Will be RTed.
33605(T)	GSFC/SMC-EDG needs message to instruct User to wait 24 hour	1. Perform a search for the L70RWRS data set. 2. Submit an order via the FtpPull option.	After submitting an order, the appropriate message is displayed when the order is in progress and	Verified	

			in the page "Shopping Cart: Order Submitted".		
33659(T)	GSFC/SMC: Data dictionary maintenance tool causes memory a				Since this NCR involves memory leak, recommend forwarding it to the site for verification.
33769(T)	GSFC/SMC: Sensor/Temporal searches give incorrect results	<ol style="list-style-type: none"> 1. Perform a temporal search by entering temporal range of 2001-11-29 07:00 through 2001-11-29 08:00. 2. Perform another search by entering MODIS as sensor and AQUA as source. 3. Perform another search by entering MODIS as sensor with no source. 4. Perform another search by entering MODIS as sensor and both AQUA and TERRA as source. 			Due to lack of data containing a sensor and two sources, recommend this NCR to be forwarded to the site for verification.