

ECS Configuration Change Request

1. Originator Cherry Kenney	2. Log Date: 4/8/02	3. CCR #: 02-0292	4. Rev: —	5. Tel: 301-883-4177	6. Rm #: 3204D	7. Dept. DEV/CO
8. CCR Title: Patch_6A.05_DDIST_01. For All DAACs Contains fix for four NCRs.						
9. Originator Signature/Date Cherry 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: CLS		
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: 33559, 33600, 33745, 33816						
23. Problem: (use additional Sheets if necessary) Sv=5, ECSed33559, Desc: Provision of generic DORRAN billing mechanism Sv=3, ECSed33600, Desc: Remove g0dis01 from the .sitemap, .sitehostmap and .hostmap Sv=2, ECSed33745, Desc: DDIST cored during GSFC 24 hr run Sv=2, ECSed33816, Desc: Desc: DDIST Server not always releasing DB connection when DB error occurs.						
24. Proposed Solution: (use additional sheets if necessary) Deliver Patch_6A.05_DDIST_01 must be installed on top of Patch_6A.05_DSS.01. Tarfile was made on March 27, 2002.						
25. Alternate Solution: (use additional sheets if necessary) Delay testing; wait until next full system delivery.						
26. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in testing or possible delays in 6A.05 operational testing						
27. Justification for Emergency (If Block 15 is "Emergency"): Needed immediately following the delivery of 6A.05.						
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): Debra Stepp /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 #: 02-0292 **Rev:** — **Originator:** Cherry Kenney

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

Title of Change: Patch_6A.05_DDIST_01. For All DAACs Contains fix for four NCRs.

Actions

ClearCase

Please build Sun tar file with the following packages:

.EcDsDdDdistGUI.pkg
.EcDsDdDISTSRVR.pkg

The name of the tar file will be Patch_6A.05_DDIST.01

Please deliver file to All DAACs.

For DAAC Install Instructions please see attachment.

PATCH/TEST EXECUTABLE TEST REPORT

ECS System Integration and Test

Patch/Test Executable Name/ID: 6A.05_DMS.07, 6A.05_DDIST.01	Delivery Date: _3/27/02_____	Lead Engineer: Jack Tsou
	Installation Date: _3/28/02_____	
	Install Location: PVC/TS2_____	

NCR ID/Name (Attach if list): 33558, 33559	
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Actual Tests/Results (List by NCR)

Completed the following tests successfully in PVC/TS2 using the external EDG 3.4b.6:

1. Performed searches and orders for the AST_L1A and AST_L1B data sets/granules via both FtpPull and FtpPush options. Orders were shipped with the correct cost info. Emails were sent and received. (Tests 1 - 8 listed in the Patch Test Plan)

Verified NCRs 33558 and 33559 in these tests.
2. Removed the cost from the Short Names AST_L1A and AST_L1B in the Registry, and performed searches and orders for both data sets/granules via both options. Orders were shipped with no cost or the cost listed as 0. Emails were sent and received. (Tests 13 - 16)
3. Regression tested the L70RWRS (fix scene) and L70R (floating scene) data sets via both options. Regression tested the L70R (floating scene) using EDG 3.4b.2. (Tests 9 - 12)
4. Tested error conditions by killing the V0Gateway and SDSRV and submitting orders. Error messages returned. (Tests 17 - 23)

List of Attachments (Messages/status/snaps): None

Signature of Lead Tester: _____	Date Completed: 4/3/02_____
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6A.05_DDIST.01 Patch Test Plan/Report

NCR	Title	Test Plan	Test Report	Status	Comment
33600©	Remove g0dis01 from the .sitemap, .sitehostmap and .hostmap	Inspect the .sitemap, .sitehostmap and .hostmap files.	g0dis01 is no longer in these files.	Reverified by Mary R.	Verified by Jenny B.
33745(T)	DDIST cored during GSFC 24 hr run	Conduct the EOC 24-hr run.			To be verified during the next week's 24-hr run.
33816(T)	DDIST Server not always releasing DB connection when DB error occurs.	Conduct the EOC 24-hr run.			To be verified during the next week's 24-hr run.

Install Instructions for Patch_6A.05_DDIST.01

A. SETUP:

1. Untar the SUN tar file using the provided Setup.ksh script.
2. FOR EDC ONLY: Edit the *.cfgpatch* file in the <staging_area>/SUN/CUSTOM/.installed/DSS/distribution directory. Change the line in the file that reads:

```
ADD ALL ALL ALL DSS EcDsDd .cfgparms EcDsDistributionServerMkcfg BillableElements L70R 1 0 L70RWRS  
2 500
```

to:

```
ADD ALL ALL ALL DSS EcDsDd .cfgparms EcDsDistributionServerMkcfg BillableElements L70R 2 0 L70RWRS  
2 475 AST_L1A 2 100 AST_L1B 2 100
```

3. FOR EDC ONLY: Edit the *.rgypatch* file found in the <staging_area>/SUN/CUSTOM/.installed/DSS/distribution directory. Change the line in the file that reads:

```
ALL ADD ALL/config/CFG/EcDsDistributionServer/BillableElements={L70R 1 0} {L70RWRS 2 500} {AST_L1A 1 250}  
{AST_L1B 1 300}
```

to:

```
ALL ADD ALL/config/CFG/EcDsDistributionServer/BillableElements={L70R 2 0} {L70RWRS 2 475} {AST_L1A 2 100}  
{AST_L1B 2 100}
```

Note #1: DMS.08 was delivered to EDC on Wednesday, 4/3/02 that contained the BillableElements variable for the EcDmV0ToEcsGateway. If this variable was not installed at that time, you can make the changes that effect the V0 Gateway by adding the following lines to the *.rgypatch* for DDIST and then applying the *.rgypatch* that will make the appropriate changes for BillableElements to both the Distribution Server and the V0ToEcsGateway:

```
ALL DEL ALL/config/CFG/EcDmV0ToEcsGateway/BillableElements
```

```
ALL ADD ALL/config/CFG/EcDmV0ToEcsGateway/BillableElements = {L70R 2 0} {L70RWRS 2 475} {AST_L1A 2 100}  
{AST_L1B 2 100}
```

Note #2: The BillableElements variable that appears in both the configuration files for the Distribution Server and the Gateway are sets of triples that indicate pricing for Landsat and Aster data. THESE TRIPLES MUST BE THE SAME IN THE DDIST AND V0 GATEWAY CONFIGURATION. If new pricing is desired to be added at a later time for other datatypes, the registry should be updated for both the servers. The triples represent the datatype, version id and pricing (in U.S. dollars) and should be added enclosed in brackets.

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 two packages:

```
.EcDsDdistGUI.pkg  
.EcDsDdDISTSRVR.pkg
```

C. CONFIGURATION (FOR EDC ONLY):

Log on to the host where the EcDsDistributionServer resides

1. Bring up EcsAssist Subsystem Manager
2. Choose the Mode, the subsystem DSS, then the component EcDsDd.
3. Update the Distribution Server configuration in the Registry using the Registry Patch by executing the following steps:
 - 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/DSS/distribution/.rgypatch

D. POST INSTALLATION:

1. Restart the EcDsDistributionServer.
2. FOR EDC ONLY: Restart the EcDmV0ToEcsGateway if changes were made to its configuration noted in the SETUP section above.