

# ECS Configuration Change Request

<b>1. Originator</b> Cherry Kenney	<b>2. Log Date:</b> 4/22/02	<b>3. CCR #:</b> 02-0330	<b>4. Rev:</b> —	<b>5. Tel:</b> 301-883-4177	<b>6. Rm #:</b> 3204D	<b>7. Dept.</b> DEV/SWIT
<b>8. CCR Title:</b> Patch_ 6A.05_IDG.01. For All DAACs - Contains fixes for 9 severity 2 NCRs and 1 severity 3 NCR.						
<b>9. Originator Signature/Date</b> Cherry A. Kenney /s/ 4/22/02			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 22April02	
<b>13. Office Manager Signature/Date</b> Arthur Cohen /s/ 4/22/02			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Emergency	
<b>16. Documentation/Drawings Impacted:</b>			<b>17. Schedule Impact:</b>	<b>18. CI(s) Affected:</b> IDG		
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 22April02		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 33280, 32986, 32319, 33157, 26099, 33509, 33449, 33814, 33793						
<b>23. Problem: (use additional Sheets if necessary)</b> ECSed33280 2 Message Passing code SessionList did not return a right status. ECSed32986 2 Custom code Subscription manager not allowing subscriptions ECSed33156 2 Browse Option of 'N' Fails ECSed33157 2 External RequestID Is Not Optional ECSed26099 2 "multiple deletion" feature of the subscription gui re. See page 2 for additional NCRs						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Deliver Patch_6A.05_IDG.01. This patch must be installed on top of the 6A.05 baseline. .						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Delay testing; wait until next full system delivery.						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Delays in testing or possible delays in 6A.05 operational testing						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> Needed immediately following the delivery of 6A.05.						
<b>28. Site(s) Affected:</b> <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						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>	<b>31. CCR Closed Date:</b>	
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> Randall J. Miller /s/ 4/22/02			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Pamela Johnson /s/ 4/22/02			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS			

# ADDITIONAL SHEET

**CCR #: 02-0330 Rev: — Originator:** Cherry Kenney

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

**Title of Change:** Patch\_6A.05\_IDG.01. For All DAACs - Contains fixes for 9 severity 2 NCRs and 1 severity 3 NCR.

Actions

Clearcase

Please make One Sun tar file with the following packages:

.EcCsINTFCSVR.pkg  
.EcCsINTFCSVR\_EDC.pkg  
.EcCsSubServerGUI.pkg  
.EcCsSubServerDB.pkg

The name of the tar file will be Patch\_6A.05\_IDG.01

Deliver tarfile to All DAACs.

DACC Install Instructions

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/CSS
3. chmod -R 775 \*
4. Take down the SubServer, MTM Gateway, L7 Gateway, and any copies of the SubServer GUI.

B. INSTALLTION:

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

.EcCsINTRCSVR.pkg  
.EcCsINTRCSVR\_EDC.pkg [Note: EDC Only!]  
.EcCsSubServerDB.pkg  
.EcCsSubServerGUI.pkg

C. CONFIGURATION:

The patch contains no configuration changes.

D. PATCH THE CSS/IDG DATABASE:

1. On the host were the SubServer database is installed (xxins01), bring up EcsAssist Subsystem Manager.
2. Select the MODE, CSS, EcCslid and then click on the Database pulldown menu DbPatch option.
3. Click on .dbparms and OK. Verify that the DAAC value is correct. The Patch value should be 609.
4. Fill in the DBO ID, Password, SQL Server Name, and Database Name.
5. Update the SubServer database with the following patches:  
Patch Number    Patch Description  
609      Updates trigger for insert into TriggerRequest table (NCR 32986). New for this patch.

E. POST INSTALLATION:

1. Warm Start the SubServer, then start the MTM and L7 Gateways. You may also bring up the SubServer GUI if needed.

End of DAAC Install Instructions

Additional NCRs from page 1:

ECSed33509	2	SBSRV failed to qualify ShortName for subscription.
ECSed33449	3	Subscriptions - missing graules.
ECSed33814	2	EcCsLandsat7Gateway Mutex hung when EcCsNmNameServer bounced
ECSed33793	2	The EcCoRgApplyRgyPatch needs to source the environment for sybase, etc.
ECSed33887	2	The .extparms for IDG are getting over written during installs

**PATCH/TEST EXECUTABLE TEST REPORT**

**ECS System Integration and Test**

<b>Patch/Test Executable Name/ID:</b> <b>Patch_6A05_IDG.01</b>	<b>Patch Delivery Date:</b> <b>Patch Installation Date: 11 April 2002</b> <b>Install Location/Mode: PVC/TS2</b>	<b>Lead Engineer:</b> <b>Rosdiana Ginocchi</b>
<p align="center"><b>NCR ID/Name</b></p> <ol style="list-style-type: none"> <li>ECSed33079 OPS_IDG: Subscription and MSS servers should not log password</li> <li>ECSed33280 OPS_IDG: Message Passing code Session List did not return a right status.</li> <li>ECSed32986 OPS_IDG: Custom Code Subscription manager not allowing subscriptions to process through distribution.</li> <li>ECSed32319 OPS_IDG: 33156: GSFC/SMC – TS2 MTMGW Browse Option of “N” Fails</li> <li>ECSed33157 OPS_IDG: GSFC/SMC TS2 MTMGW External Request ID is not Optional</li> <li>ECSed26099 OPS_IDG: “Multiple deletion” feature of the subscription GUI removed.</li> <li>ECSed33509 OPS_IDG: SBSRV failed to qualify ShortName for subscription.</li> <li>ECSed33449 OPS_IDG: Subscriptions – missing granules.</li> <li>ECSed33814 OPS_IDG: EcCsLansat7Gateway Mutex hung when EcCsNnNameServer bounced</li> </ol>	<p align="center"><b>Test Approach</b></p> <p>This patch was tested based on the followings: NCR# 33079, 33280, 32986, 32319, 33157, 26099, 33509, 33449 and 33814. The test was done at PVC lab (TS2) and all the email notifications were sent to the cmshared@p0ins01u.ecs.nasa.gov.</p>	

**Actual Tests/Results (List by NCR)**

Inputs/Actions:	Outputs/Expected Results:	Comments:
1. ECSed33079 IDG/MSS: Subscription and MSS servers should not log password	The customer and database <b>“password”</b> is not shown on the following files: - EcCsSubServerDebug.log file - EcMsAcOrderSrvrDebug.log	Failed
2. ECSed33280 IDG: Message Passing code SessionList did not return a right status.	Received all notifications after submitted the Aster On Demand order.	Passed
3. ECSed32986 IDG: Custom code Subscription manager not allowing subscriptions to process through distribution.	The SBSRV was successfully processed the acquire requests.	Passed
4. ECSed33156 IDG/MTMGW: GFSC/SMC-TS2 MTMGW Browse Option of “N” Fails	The Order ID and SuccessfulGranuleCount are displayed.	Passed
5. ECSed33157 IDG/MTMGW: GFSC/SMC TS2 MTMGW External RequestID is not Optional	The Order ID is displayed.	Passed
6. ECSed26099 IDG: “Multiple Deletion” feature of the subscription GUI removed more subscriptions	Subscription GUI does not display the multiple userID after being deleted through Delete Multiple Subscriptions	Passed

than it should	button.	
7. ECSed33509 IDG: SBSRV failed to qualify ShortName for subscription.	The message “ Match! Add the row into EcCsActionWorkOff table” is displayed on EcSbSubServerDebug.log file.	Passed
8. ECSed33449 IDG: Subscription – Missing granules	Subscription requests are processed successfully and all email notifications are received after EcCsSbDbRetryAllActions.csh script was executed.	Passed
9. ECSed33814 IDG: EcCsLansat7Gateway Mutex hung when EcCsNmNameServer bounced.	Lps simulator does not hang any more and continues sending request to L7Gateway server.	Passed
<b>List of Attachments (Messages/status/snaps):</b> All artifacts were placed in a Patch Test notebook.		
<b>Signature of Lead Tester:</b> _____		<b>Date Completed:</b> 04/16/2002

Additional Test Status

NCR 33793 passed verification for 6A.05 code on a Solaris 2.5.6 machine in the PVC. A Registry patch was properly applied using the version of EA supplied with Patch 6A.05 IDG.01.

NCR 33887 failed verification for 6A.05 code on a Solaris 2.5.6 machine in the PVC. The EA code supplied with Patch 6A.05 IDG.01 failed to backup the existing copy of the .extparms file on p0ins01.