

ECS Configuration Change Request

1. Originator Randy Miller	2. Log Date: 3/10/99	3. CCR #: 99-0215	4. Rev: -	5. Tel: x0400	6. Off: 2078	7. Org. Dev/CO
8. Title of Change: Deliver 4PY Auburn Patch To SMC for Distribution to Mini-DAAC						
9. Originator Signature <i>Randy Miller</i>	10. Date: 3/10/99	11. Class II	12. Type: CCR	13. Need Date: 3/10/99		
14. Office Manager Signature <i>Randy Miller for Mary Armstrong</i>	15. Date: 3/10/99	16. Date CCB Decision Needed: 3/10/99	17. Category of Change: Update Baseline	18. Priority: Emergency		
19. Documentation/Drawings Impacted: Patch Documentation attached		20. Schedule Impact: None		21. CI(s) Affected: Ingest		
22. Release Affected: 4PY	23. Date due to Customer: 3/10/99	24. Impl. Date: 3/10/99	25. Effectivity of Change: 3/10/99	26. Est. Cost None		
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> Other: 20515, 21040						
28. Description of Change: (use additional Sheets if necessary) The CSG has created the tar file for the 4PY Auburn patch. This CCR authorizes them to push the file to the SMC, and authorizes the SMC to distribute the tar file to the Mini-DAAC.						
29. Proposed Solution: (use additional sheets if necessary) CSG to deliver the 4PY Auburn tar file to the SMC; SMC to distribute the tar file to the Mini-DAAC.						
30. Alternate Solution: (use additional sheets if necessary) None.						
31. Consequences if Change(s) are not approved: (use additional sheets if necessary) Delays in the ship date of 4PY Auburn.						
32. Does Change Affect Any of the following (Please Explain on additional sheet): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance						
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other						
34. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input type="checkbox"/> VATC <input type="checkbox"/> EDC <input type="checkbox"/> GSFC <input type="checkbox"/> LaRC <input type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> Other						
35. Board Comments:				36. Work Assigned To:		
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No			38. CM Verified/Signature and Date			
39. EDF/REL2 CCB Chair (Sign/Date): <i>Ma M. Donald</i> 3/10/99		40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS		41. ESDIS ERB Concurrence:		
42. ECS CCB Chair (Sign/Date):		43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>		44. CCR Closed Date:		

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4PY Patch "Auburn"

Purpose

The 4PY Auburn patch provides fixes for two NCRs.

NCRs Fixed

The Auburn patch fixes NCRs 20515 and 21040.

Nature of Fix

This patch contains C++, SQL, and script code fixes for the Ingest CSCI.

Installation Instructions

Dependencies And Preconditions. The Auburn patch can only be installed into environments containing the 4PY.Alpha or higher revision level of ECS.

Contents of the Patch Kit: This patch consists of one SGI tar file.

READ ALL INSTRUCTIONS BEFORE BEGINNING INSTALLATION.

General Instructions.

- 1) Download and stage the files for the delivery from the SMC.
- 2) DO NOT install ECS Assist from the staging directory using the setup script.
- 3) DO NOT perform an installation to SHARED Mode.
- 4) DO NOT perform a Toolkit installation.
- 5) DO NOT re-install any ESDTs.

Subsystem Specific Instructions.

CLIENT (CLS)

There are no Client (CLS) components newly delivered, replaced, or re-configured by this patch.

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COMMUNICATIONS (CSS) and MANAGEMENT (MSS)

There are no Communications (CSS) or Management (MSS) components newly delivered, replaced, or re-configured by this patch.

DATABASE (DDM)

There are no Database (DDM) components newly delivered, replaced, or re-configured by this patch.

DATA MANAGEMENT (DMS) and INTEROPERABILITY (IOS)

There are no Data Management (DMS) or Interoperability (IOS) components newly delivered, replaced, or re-configured by this patch.

INGEST (INS)

Use EcCoAssist and the .sitemap to install the EcInINTFCSVR.pkg package on the Ingest Server. Do not run the Mkcfig or Mkcdsentry options - no changes in configuration parameters or CDS entries are required. Update the Ingest database by executing the 4PY.7 database patch using EcCoAssist.

PLANNING (PLS) and DATA PROCESSING (DPS)

There are no Planning (PLS) or Data Processing (DPS) components newly delivered, replaced, or re-configured by this patch.

STORAGE MANAGEMENT (STMGT) and DATA DISTRIBUTION (DDIST)

There are no Storage Management (STMGT) or Data Distribution (DDIST) components newly delivered, replaced, or re-configured by this patch.

SCIENCE DATA SERVER (SDSRV)

There are no Science Data Server (SDSRV) components newly delivered, replaced, or re-configured by this patch.

V0 CLIENT

There are no V0 Client components newly delivered, replaced, or re-configured by this patch.

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NCR Search Results



NCR ID: ECSed20515 Status: ASSIGNED-TEST Submit Date: 990129
 NCR Class: REL_B0_INFORMAL Project: RelB0_INGST Enclosures: 4

NCR TITLE....
 SAGE3 MOC support required for LDAAC testing

DETECTION INFORMATION....
 Build Name[*]: Drop 4PX.19
 Test Site[*]: LaRC DAAC
 Detection Method[*]: Analysis
 Detected-In-Phase[*]: DAAC Activity
 Build ID: N990211001
 Test Case ID:
 Platform ID: 10icg01 and ???
 Severity (1=Showstopper)[*]: 2
 Need fix by [*]: Emergency
 Mode [*]: TS2
 Trouble Ticket:

REVIEW-ASSIGN INFORMATION....
 Evaluate Engineer: mwong
 Assigned To: habraham
 Iteration [*]: Drop 4PY.Alpha

SUBMITTER INFORMATION....
 Submitter: bengle

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NCR ID: ECSed20515 Status: ASSIGNED-TEST
 NCR Class: REL_B0_INFORMAL Project: RelB0_INGST

TO BE FIXED INFORMATION....
 Problem Type[*]: source code
 Recommended Change[*]: source code
 Est. Fix Time (Hrs): 5
 Est. Compl. Date (yyymmdd): 990304
 Related NCR ID: N/A

RESOLUTION INFORMATION....
 Resolution[*]: source code
 Resolved by: habraham
 Indicate_SLOC[*]: Added
 Num_SLOC: 50
 Fixing Time (hrs): 5
 Documentation affected (Y/N)? N
 Affect CSCI: InFDDMetadata.C
 Merge Build Id: N990211001

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***** Problem (Added at 990129 by b.k.Engle) *****
 Support for SAGE-III MOC interface tests is required at Langley DAAC.
 Information needed includes the following-
 1" Configuration info for Polling process.
 2" Host for Polling process "SAGE-III is a pull scenario"
 3" Ingest database entries to support SAGE-III MOC as a dataproducer,
 proper entries for InFileTypeTemplate and InDataTypeTemplate tables.
 Request information and directions be provided in written form.

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MODE- TS2
DROP- 4PX.19
PRIORITY- 1 Critical
HOST- 10icg01 and ???
BUCKET- RelB0_INGEST

***** Impact (Added at 990129 by b.k.Engle) *****
IMPACT- Required LDAAC interface testing for SAGE-III MOC cannot be performed with the current software release. This NCR submitted at the direction of Ron Klotz.

***** Analysis *****
Please describe your Analysis:

SAGE III MOC Ingest processing code was originally scheduled for DROP5A and has already been incorporated there, tested and validated. This NCR requests SAGE III MOC processing for DROP 4. I therefore plan to incorporate the code changes already done in DROP5A into DROP4PY. The SAGE III MOC data types will also have to be entered with their appropriate parameters in the DROP4PY Ingest database.

NCR ECSed20515:

Holly Abraham and Bryn Ardanuy asked me to get involved to help them get the following file installed from:

 \${CMTOP}/TOOLKIT/database/common/TD/leapsec.dat

to

 \${CUSTOM}/toolkit/database/common/TD

Damian Anderson (03/05/1999)

***** Previous Merge Build IDs *****
Please enter any related Merge Build ID(s) information:

- 1)
- 2)
- 3)
- 4)

***** Resolution *****
Please describe your resolution to this problem:

Added source code to DROP4PY for processing SAGE III MOC data types to Ingest

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class, InODLMetadata.h/C, and added SAGE III MOC data types with their appropriate parameters to the Ingest database.

SAGE III MOC data types are ingested via the Polling with Delivery Record method for Ingest.

***** History *****

```

wwwweb      990129 134353 Submitted by b.k.engle from magician.larc.nasa.gov
xddts       990201 112430 N -> A (Assigned-to habraham) by mwong
xddts       990201 112615 Fields modified by mwong
xddts       990201 120909 Fields modified by sbarrier
xddts       990208 193332 Enclosure "Analysis" added by mwong
xddts       990208 193332 A -> R (Recommend-change = source code) by habraham
xddts       990218 144520 Enclosure Previous Merge Build IDs added by habraham
xddts       990218 144949 Enclosure Resolution added by habraham
xddts       990218 144949 R -> T by habraham
xddts       990218 145137 enclosure "Resolution" edited by habraham
xddts       990218 145210 enclosure "Resolution" edited by habraham
xddts       990218 145223 enclosure "Resolution" edited by habraham
xddts       990218 145325 enclosure "Resolution" edited by habraham
xddts       990222 213126 Fields modified by jboliek
xddts       990225 144718 T -> R (Recommend-change = source code) by habraham
xddts       990305 144000 R -> A (Assigned-to danderso) by danderso
xddts       990305 144054 A -> R (Recommend-change = source code) by danderso
xddts       990305 144509 enclosure "Analysis" edited by danderso
xddts       990305 150133 R -> A (Assigned-to habraham) by danderso
xddts       990308 123740 A -> R (Recommend-change = source code) by habraham
xddts       990308 124110 R -> T by habraham
xddts       990308 125357 enclosure "Resolution" edited by habraham

```

Last Modified: 3/1/99

Questions, suggestions or comments, please contact:

NCR Administrator:

Tony Wells (301) 925-1089, tonyw@eos.hitc.com

NCR web:

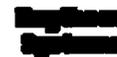
Wilson Ouyang (301) 883-4036, wouyang@eos.hitc.com



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NCR Search Results



NCR ID: ECSed21040 Status: ASSIGNED-TEST Submit Date: 990225
 NCR Class: REL_B0_INFORMAL Project: RelB0_INGST Enclosures: 5

NCR TITLE....

InFileTypeTemplate table contains redundant FileTypeTemplateKey for GRIB

DETECTION INFORMATION....

Build Name[*]: Drop 4PY.Alpha
 Test Site[*]: EDF
 Detection Method[*]: Engineering Test
 Detected-In-Phase[*]: Integration
 Build ID:
 Test Case ID:
 Platform ID:
 Severity (1=Showstopper)[*]: 2
 Need fix by [*]: Critical
 Mode [*]: Other
 Trouble Ticket:

REVIEW-ASSIGN INFORMATION....

Evaluate Engineer: mwong
 Assigned To: kwright
 Iteration [*]: Drop 4PY.01

SUBMITTER INFORMATION....

Submitter: kuhm

NCR ID: ECSed21040 Status: ASSIGNED-TEST
 NCR Class: REL_B0_INFORMAL Project: RelB0_INGST

TO BE FIXED INFORMATION....

Problem Type[*]: source code
 Recommended Change[*]: source code
 Est. Fix Time (Hrs): 1
 Est. Compl. Date (yymmdd): 990302
 Related NCR ID: N/A

RESOLUTION INFORMATION....

Resolution[*]: source code
 Resolved by: kwright
 Indicate_SLOC[*]: Added
 Num_SLOC: 10
 Fixing Time (hrs): 1
 Documentation affected (Y/N)? N
 Affect CSCI: INGEST
 Merge Build Id:

***** Problem *****
 PROBLEM DESCRIPTION....

InFileTypeTemplate table contains redundant FileTypeTemplateKey for the following GRIB:

GDAS_OZF, GDASOZFH

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OZ_DAILY, OZ_DLYH
SEA_ICE, SEA_ICEH
FNMOC_ML, FNMOCMLH

***** Impact *****

IMPACT....

Unable to ingest GRIB data without making Data Base changes.

***** Analysis *****

Please describe your Analysis:

Create a patch script to delete redundant rows.

***** Previous Merge Build IDs *****

Please enter any related Merge Build ID(s) information:

1)

2)

3)

4)

***** Resolution *****

Please describe your resolution to this problem:

Created a patch script to delete redundant rows.

***** History *****

xddts 990225 145445 Submitted to RelB0_INGST by kuhm
xddts 990225 150442 Enclosure "Problem" added by kuhm
xddts 990225 150659 Enclosure "Impact" added by kuhm
xddts 990225 153843 Fields modified by kuhm
xddts 990225 154331 N -> A (Assigned-to kwright) by mwong
xddts 990301 114440 Fields modified by sbarrier
xddts 990303 141031 Enclosure "Analysis" added by mwong
xddts 990303 141031 A -> R (Recommend-change = source code) by kwright
xddts 990308 110723 Enclosure Previous Merge Build IDs added by kwright
xddts 990308 110748 Enclosure Resolution added by kwright
xddts 990308 110748 R -> T by kwright

Last Modified: 3/1/99

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Questions, suggestions or comments, please contact:

NCR Administrator:

Tony Wells (301) 925-1089, tonyw@eos.hitc.com

NCR web:

Wilson Ouyang (301) 883-4036, wouyang@eos.hitc.com



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CCR Originator's Preliminary Impacts List

(Reference PI CM-1-003. Expand Table as Necessary with Carriage Returns or New Rows)

CCR No. **99-0215** Rev. -

Originator: Randy Miller

Phone: x0400

Title: Deliver 4PY Auburn Patch To SMC for Distribution to Mini-DAAC

Office	Office Impact	Signature & Date	Comments:
Baseline (XRP)			
CLS			
Construction Off.	X	Randy J. Miller 3/10/99	
Contracts			
CM			
COTS Eng.			
ClearCase Support Group			
DADS			
Data Management			
DDM			
Deployment			
ECS Chief Engineer			
ESDIS			
FOS			
Hardware Engineering			
IDG			
Interface Eng.			
Maintenance & Oper.			
Mini-DAAC			
MSS			
PDPS			
Procurement			
Quality Office			
Resource Management			
Release Development	X	Randy J. Miller for Mary Armstrong 3/10/99	
RTSC			
Schedule Control			
Science Office			
Scienc Data Server			
Security			
Subcontracts			
Systems Development			
System Engineering			
Sys. Verif. & Acceptance			
VATC			
Other			

CM10 August 27, 1998

ECS/EDF/REL2

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