

ECS Configuration Change Request

1. Originator Randall J. Miller	2. Log Date: 19 OCT 99	3. CCR #: 99-1026	4. Rev: -	5. Tel: x0400	6. Rm #: 2078	7. Org. CO
8. Title of Change: Deliver 5A.04.Diablo Test Executables (Mantle) To SMC For Distribution To GSFC, VATC, and Mini-DAAC						
9. Originator Signature/Date: <i>[Signature]</i> 10/19/99		10. Class II	11. Type: CCR	12. Need Date: 10/19/99		
13. Office Manager Signature/Date: <i>[Signature]</i> 10/19/99		14. Category of Change: Update Baseline		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact: None		18. CI(s) Affected: DDIST and STMGT		
19. Release Affected: 5A		20. Date due to Customer: N/A		21. Impl. Date: 10/19/99		22. Estimated Cost: None
23. 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: 24286						
24. Description of Change: (use additional Sheets if necessary) Development has integrated a partial fix for Data Distribution NCR 24286.						
25. Proposed Solution: (use additional sheets if necessary) CSG shall prepare a tar file as specified on the continuation page. SMC shall pull this tar file and distribute it to GSFC, the VATC, and the Mini-DAAC. Sites shall install as required, following the directions provided on the continuation page.						
26. Alternate Solution: (use additional sheets if necessary) Wait until the delivery of 5A.04.Diablo (tentatively December 3rd) for these fixes.						
27. Consequences if Change(s) are not approved: (use additional sheets if necessary) GSFC will be unable to perform full distribution during MOSS-III.						
28. Justification for Emergency (If Block 15 is "Emergency"): GSFC requires these fixes ASAP to assist in MOSS-III Formal.						
29. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input type="checkbox"/> EDC <input checked="" 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"/> IDG Test Cell <input type="checkbox"/> Other						
30. Board Comments:				31. Work Assigned To:		
32. EDF/REL2 CCB Chair (Sign/Date): <i>[Signature]</i> 10/19/99		33. Disposition: <u>Approved</u> A/C Fwd/ECS <u>Fwd/ESDIS</u>		34. (TBD)		
35. M&O CCB Chair (Sign/Date): <i>[Signature]</i> 10/19/99		36. Disposition: <u>Approved</u> A/C Fwd/ECS <u>Fwd/ESDIS</u>		37. CM Manager's Closure:		
38. ECS CCB Chair (Sign/Date):		39. Disposition: Approved A/C Disapproved		40. CCR Closed Date:		

ADDITIONAL SHEET

CCR #: **99-1026** Rev: - Originator: R. Miller

Telephone: x0400 Office: 2078

Title of Change: Deliver 5A.04.Diablo Test Executables (Mantle) To SMC For Distribution To GSFC, VATC, and Mini-DAAC

CONTENT:

Please deliver the following tar file to the SMC:

From the view mzuniga_slow2,

/ecs/formal/DSS/distribution/delivery1016.tar

INSTALLATION:

Installation instructions are provided separately (electronically).

CM01A

CCR Originator's Preliminary Impacts List

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

CCR No. **99-1026**

Rev. **-**

Originator: R. Miller

Phone: 0400

Title: Deliver 5A.04.Diablo Test Executables (Mantle) To SMC For Distribution To GSFC, VATC, and Mini-DAAC

Office	Office Impact	Signature & Date	Comments:
BLM Baseline (XRP)			
Contracts			
CM	X	<i>[Signature]</i>	10-19-99
Data Mgmt.			
ECS Chief Eng.			
ESDIS			
EMOS			
IDG			
Maint. & Oper.	X	<i>[Signature]</i>	10/19
Mini-DAAC	X	<i>[Signature]</i>	10/19/99
Y2K Compliance			
Quality Office			
Resource Mgmt.			
Release Dev.	X	<i>Russell J. Miller</i>	10/19/99
RTSC			
Schedule Control			
Science Office	X	<i>[Signature]</i>	10/19/99
Security			
Software COTS Lib.			
Subcontracts			
System Eng.			
SV&A	X	<i>[Signature]</i>	10/19/99
VATC	X	<i>[Signature]</i>	10/19/99
Other			

ORIGINAL

Installation Instructions For 5A.04.Diablo/Mantle

DDIST:

1) Manually copy (using cp from the UNIX command line) the following files from the staging area to the target platform (g0dis0?):

- EcDsDistributionServer
- libDsStCmnShSh.so
- libDsStNetShSh.so
- libDsStFtpSh.so
- libDsStDaemonSh.so
- libDsStFTPClientDSh.so
- libDsDdCSh.so
- libDsStStSh.so
- libDsStResShSh.so
- libDsStPullShSh.so
- libDsStIngestFtpShSh.so
- libDsStDisFtpShSh.so
- libDsDdSSH.so
- libEcNsServiceLocSh.so

These files should replace existing files. Note that the last file is a CSS library.

2) Manually edit the EcDsDistributionServer.CFG file. Insert a new line at the end:

SEND_EMAIL = NO

3) Install the SendMail script

OVERVIEW

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The DDIST SendMail utility is a Perl script which monitors a directory for mail to be sent. Files in the directory have one of three names:

- reqid.notify The text of the message to be sent
- reqid.address The intended recipient of the message
- reqid.emailed A message which has been sent (Created by renaming the .notify file)

In each case, reqid is the request ID of the order for which notification is being sent.

SETUP

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To use the perl script for sending e-mail, you will need to modify the script file DsDdSendMailPl.pl. Find the values for the configuration parameters DSDD_BASEPATH and DSDD_RESPONSE in the EcDsDistributionServer.CFG file. In the perl script, around line 16, change the value for my \$basePath to match the value found for DSDD_BASEPATH. Change the value for my \$response to match the value found for DSDD_RESPONSE. (Typically, these values will be "/tmp/distribution" and "/response" respectively.)

USAGE

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Open an xterm to be dedicated to running this program. Enter the command:

```
DsDdSendMailPl.pl $MODE
```

where \$MODE is the ECS mode (e.g. OPS).

NOTES:

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- 1) The SendMail script is intended to be run on the DDIST box (g0dis0?).
- 2) If the SEND_EMAIL parameter in the EcDsDistributionServer.CFG file has any value other than NO, the Perl script will do absolutely nothing, as no .address files will be generated. However, the DDIST server will fill up the DSDD_BASEPATH directory with .notify files.

STMGT:

- 1) Manually copy (using cp from the UNIX command line) the following files to the target platforms:

```
EcDsStArchiveServer  
EcDsStStagingDiskServer  
EcDsStStagingMonitorServer  
EcDsStFtpDisServer
```

NOTE: It is recommended that you replace ALL instances of the delivered STMGT executables on ALL SGI platforms -- that is, replace these executables on all SGI platforms on which they are used.

NOTE: It is assumed that Rose is installed on top of 5A.04.Diablo/Aaron. If this is not the case, then Aaron should be installed before Rose.