

ECS Configuration Change Request

1. Originator Randall J. Miller	2. Log Date: <b>9 Nov 99</b>	3. CCR #: <b>99-1104</b>	4. Rev: -	5. Tel: x0400	6. Rm #: 2078	7. Org. CO
8. Title of Change: Deliver 5A.04.Diablo Test Executables (Seaver.01) To SMC For Distribution To All Sites						
9. Originator Signature/Date <i>Randall J. Miller</i> 11/9/99		10. Class <b>II</b>	11. Type: CCR	12. Need Date: 11/09/99		
13. Office Manager Signature/Date <i>Randall J. Miller</i> 11/9/99 <i>for Mary Armstrong</i>		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: STMGT		
19. Release Affected: 5A		20. Date due to Customer: N/A		21. Impl. Date: 11/09/99		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 et al						
24. Description of Change: (use additional Sheets if necessary) Development has integrated a fix for various Storage Management and Data Distribution stability problems.						
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 all sites. 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) Sites will be unable to perform full distribution loads after launch without fixes.						
28. Justification for Emergency (If Block 15 is "Emergency"): GSFC requires these fixes as soon as possible to support MOSS 5 testing.						
29. Site(s) Affected: <input type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <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 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>Mark McDowell</i> 11/9/99		33. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		34. (TBD)		
35. M&O CCB Chair (Sign/Date): <i>W. B. ...</i> 11/9/99		36. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		37. CM Manager's Closure:		
38. ECS CCB Chair (Sign/Date):		39. Disposition: Approved A/C Disapproved		40. CCR Closed Date:		

CM01 March 8, 1999

ECS/EDF/REL2 CCB

11-09-99A11:50 0367

ORIGINAL

## ADDITIONAL SHEET

CCR #: **71-1104** Rev: - Originator: R. Miller

Telephone: x0400 Office: 2078

**Title of Change:** Deliver 5A.04.Diablo Test Executables (Seaver.01) To SMC For Distribution To All Sites

### CONTENT:

Please create an SGI tar file from the current 5A Maintenance baseline build containing the following:

EcDsStArchiveServer  
EcDsStStagingDiskServer  
EcDsStStagingMonitorServer  
EcDsStPullMonitorServer  
EcDsStFtpDisServer  
EcDsStIngestFtpServer  
EcDsStFTPClientDaemon

### INSTALLATION:

Seaver replaces (and obsoletes) the corresponding STMGT components of Aaron, Rose, Mantle, and Cobb.

For any site that has installed the 5A.04.Diablo/Aaron and/or 5A.04.Diablo/Cobb test executables: You may install this test executable by manually copying (using cp from the UNIX command line) these new executables over ANY AND ALL existing instances of these files.

PLEASE NOTE that you must change the ownership of the EcDsStFTPClientDaemon binary to the account that will be running the EcDsStFtpDisServer and EcDsStIngestFtpServer processes -- e.g., if the STMGT FTP servers will be run by cmops, execute the command:

```
chown cmops /usr/ecs/OPS/CUSTOM/bin/DSS/EcDsStFTPClientDaemon
```

For sites that have never updated their EcDsStFTPClientDaemon configuration since the delivery of 5A.02 (that is, have not installed 5A.04.Diablo/Aaron and/or 5A.04.Diablo/Cobb): Install as above. In addition, you must:

- 1) Copy in the new EcDsStFTPClientDaemon executable.
- 2) Bring down the FTP servers (EcDsStFtpDisServer and EcDsStIngestFtpServer) on the machine which you are upgrading (all modes!).
- 3) Type ipcs to see a list of allocated IPC resources in the system. Pipe this to grep for the user ID that runs EcDsStFTPClientDaemon. E.g., ipcs | grep allmode.
- 4) For each listed IPC, use ipcrm to remove the IPC. There should be one shared memory segment and one semaphore entry for each EcDsStFTPClientDaemon running.
- 5) Kill all running copies of EcDsStFTPClientDaemon.
- 6) Wait five seconds. Use ps to verify that the Unix init process has respawned the EcDsStFTPClientDaemon processes. Use ipcs to verify that the IPC resources have been properly recreated.
- 7) Bring up the FTP servers (EcDsStFtpDisServer and EcDsStIngestFtpServer) brought down in step 2 above.

You should now be running the new EcDsStFTPClientDaemon as installed in step 1.

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