ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	3/12/01	01-0213	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.07_DPS.01 to DAACs, VATC, PVC.Delivers EcPlDpEM executable to correct NCR 28040. Fix the code to allow concurrent staging of common input granules

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 03/12/20
3/12/01	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emerge fill in Block 28).
for Tim Ortiz 3/12/01	Update ECS Baseline Doc.	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
N/A	N/A	DPS,

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCRs ECSed 28040

23. Problem: (use additional Sheets if necessary)
28040 Delivers EcPlDpEM executable to correct NCR 28040. Fixes the code to allow concurrent staging of common input granules.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 5B.07_DPS.01 will provide fixes to the problem listed above. TE can be loaded on top of installations of 5B.07

NOTE: The Proper 5B DPREP Version Numbers Are: AM1 = 30006 and PM1 = 00105 (this is what is provided with this TE).
6A Version Numbers are: AM1 = 30101 and PM1 = 00201 (these are not intended for 5B software installations).

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 5B.07+ is available.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs must continue to work around the problems and/or modify operating procedures.

27. Justification for Emergency (If Block 15 is "Emergency"):
addresses item on the ECS Top Priority List.

28. Site(s) Affected: ☐EDF ☒PVC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL ☐EOC ☐IDG Test Cell ☐Other

29. Board Comments:	30. Work Assigned To:	31. CCR Closed Da

32. EDF/SCDV CCB Chair (Sign/Date): Randall J. Miller 3/12/01	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB
33. M&O CCB Chair (Sign/Date): 3/12/01	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS E Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB

ORIGINAL

ADDITIONAL SHEET

CCR #: 01-0213 **Rev:** — **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.07_DPS.01 to DAACs, VATC, PVC.Delivers EcPIDpEM executable to correct SCR 28040. Fixes the code to allow concurrent staging of common input granules

CONTENT:
CM:
Please build a SUN TAR file from the 5B.07 (5B6) baseline for TE 5B.07_DPS.01 to include the following file:

/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM

SMC: distribute to the DAACs.

DAAC Install Instructions:
Changes requested by GSFC and LaRC--
This TE, 5B.07_DPS.01 must be used on top of 5B.07 installations.

This TE is required at GSFC and LaRC, other sites install as needed.

1. Get SUN TAR File from SMC distribution;

2. UNTAR the file and copy to the staging area

3. Copy the EcDpPrEM file to:
/usr/ecs/<mode>/CUSTOM/bin/DPS/EcDpPrEM
making sure to keep the same file permissions and ownerships.

Detailed Summary of fixes and information for checkout testing:
ECSed28040
Summary of all NCR fixes:
Fixed the code to allow concurrent staging of common input granules. THIS MERGE was completed on the 5B.07 baseline following a SUCCESSFUL PVC TEST.

Files in Task:
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrDataManager.h
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrFile.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.C
/ecs/formal/PDPS/DPS/PRONG/src/DataMgmt/DpPrGranuleLocator.h

Build Impact:
/ecs/formal/PDPS/DPS/lib/sun5.5/DpPrDM.a [static library does not need to be delivered as part of TE]
/ecs/formal/PDPS/DPS/bin/sun5.5/EcDpPrEM

Test Instructions for Checkout Lab:
Run an ASTER and MODIS regression test - verify common input granules are staged concurrently.

ORIGINAL