ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	2 Oct 00	00-0969	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 6A.01_DPS.01 to VATC, PVC. Orbit DPREP needs updated ODL/data files and PM1 DPREP ephemeris proc. excludes orbit from metadata.

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 1OCT2000
9/29/00	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for/ Tim Ortiz 9/29/00	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:
6A		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCRs ECSed28052 and 28117 also 28106

23. Problem: (use additional Sheets if necessary)
Problem:
28052: Orbit DPREP needs updated ODL data files.
28117: PM-1 DPREP ephemeris processor excludes orbit from metadata.

24. Proposed Solution: (use additional sheets if necessary)
Test Executable 6A.01_DPS.01 will provide fixes to the problem listed above. TE can be loaded on top of DPS installations of 6A.01.

25. Alternate Solution: (use additional sheets if necessary)
Take no action now and wait until 6A.02 is available.

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

27. Justification for Emergency (If Block 15 is "Emergency"):
Resolves VATC test problems to get to TRR.

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 Date:

32. EDF/SCDV CCB Chair (Sign/Date): Bryan V Peters 10/2/00	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
34. ECS CCB Chair (Sign/Date):	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ESDIS

ORIGINAL

ADDITIONAL SHEET

CCR #: **Rev:** **Originator:** Evan Winston

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

Title of Change: Test Executable 6A.01_DPS.01 to VATC, PVC.. Orbit DPREP needs updated ODL/data files and PM1 DPREP ephemeris proc. excludes orbit from metadata.

CM: PLEASE, build SGI TAR files for the listed files and provide to the SMC.

1. from the current 6A baseline:

files for 28117 & 28106 – DPREP PM-1 orbit fixes.

/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrAm1EdosAncillary
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrAm1EdosEphemerisRepair
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrAm1ToolkitToHdf
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrAm1FddAttitudeDPREP_PGE
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrAm1FddEphemerisDPREP_PGE
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrPm1FddEphemerisDPREP_PGE
/ecs/formal/PDPS/DPS/bin/irix65/EcDpPrPm1AttitudeDPREP_PGE

2. from the current 6A.01 baseline: files for 20852 updated ODL files.

/ecs/formal/PDPS/DPS/data/ODL/PGE_PM1DefEph#0010201.odl
/ecs/formal/PDPS/DPS/data/ODL/PGE_PM1DefEph#0010202.odl
/ecs/formal/PDPS/DPS/data/ODL/PGE_PM1PreEph#0010201.odl
/ecs/formal/PDPS/DPS/data/ODL/PGE_PM1PreEph#0010202.odl

SMC: Receive the TAR file(s) and make available to the PVC and VATC.

DAAC Install Instructions:
Change requested by VATC--

TE can be loaded on top of DPS installations of 6A.01.

1. Get TAR Files from SMC distribution;

2. UNTAR the files and place in staging area.

3. On the Science Processor Platforms do the following using the 'cp' from the command line to replace files:

REPLACE all occurrances of the files included with this TE mode-by-mode, using the same permissions levels and ownerships as previous file.

The EcDpPrAm1 and EcDpPrPm1 files are placed in the following dir.:
/usr/ecs/<mode>/CUSTOM/bin/DPS/

The .odl files are placed in the following dir.:
/usr/ecs/<mode>/CUSTOM/data/DPS/ODL/

ORIGINAL