ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Kenneth L. Cockerill	2/21/02	02-0152	—	0463	3041	DEV/SWIT

8. CCR Title: Provide latest Patch_6A.05_ExtSubsetter.01~~A~~ Dup to all DAACs for delivery of External Subsetter functionality

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: ~~22FEB02~~
Kenneth L. Cockerill 2/21/02	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 27).
[illegible] 2/21/02	Initial ECS Baseline Doc.	Routine

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected: ALL

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
6A	~~22FEB02~~	None - Under 100K

22. Source Reference: ☐NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
Refer to email correspondence for NCR list

23. Problem: (use additional Sheets if necessary)
Need to send out new capability for External Subsetter to the DAACs.

24. Proposed Solution: (use additional sheets if necessary)
Provide latest Patch_6A.05_ExtSubsetter.01~~A~~ Dup to all DAACs for delivery of External Subsetter functionality

25. Alternate Solution: (use additional sheets if necessary)
Wait until next full system delivery.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Delays in delivery of External Subsetter to DAACs

27. Justification for Emergency (If Block 15 is "Emergency"):

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): [illegible] 3/5/02	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): [illegible] 3/5/02	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 #: 02-0152 **Rev:** — **Originator:** Kenneth L. Cockerill

Telephone: 301-925-0463 **Office:** 3041

Title of Change: Provide latest Patch_6A.05_ExtSubsetter.01~~X~~ D to all DAACs for delivery of External Subsetter functionality

ClearCase instructions:

Please make a set of tar files for the ESS delivery.

We need one sun tar file from the 6A05 baseline with the following packages:

.EcDmINTFCSVR.pkg
.EcCsRegistryGUI.pkg
.EcDsDdDCLI.pkg
.EcDsDdEPD.pkg
.EcDsDdEPDCommon.pkg

We need one irix65 tar file from the 6A05 baseline with the following package:
.EcCsRegistry.pkg

The name of this tar file should be Patch_6A.05_ExtSubsetter.01~~X~~ D

Install instructions will be provided in the release notes for External Subsetter.

ORIGINAL

INTEGRATION TEST EXECUTION FORM

Integration Test Plan ID: 9000ESS	Capability Lead: C. Bories
Title: External Subsetter Support	Test Location/Site: PVC - TS2, EDF-DEV07
Test Date: 3/1/02, 3/4/02	Test Time (Start, End): 1:45 - 3:45; 10:45 - 13:15
Mode: PVC-TS2, EDF-DEV07	SW Drop/Patch: 6A05

Comments / Workarounds Needed:

1. Run the DCLI & EPD on pdps92 for this test.
2. Need to confirm the location of the EPD directory.
3. Need to investigate how dist. priority is being set (AST-L1B0 had low, ~~and~~ subsetted product had normal)
4. Error handling where MSS is down - HEW terminated w/ signal 11 after sending data request message to ECS (NO Primary STATUS CODE in Product Result); Request stayed in Pending state in MSS; HEW retried this request when HEW was restarted brought down after receiving order
5. When MSS is down, EPD retries 10x, then sends INTERNAL SERVER ERROR to HEW. HEW sends Order Status Update (TERMINATED) to VOGW. HEW deletes PDR; VOGW tries MSS; Then gives up; Sends QUIT TO HEW.
6. Landsat 7 test was done in EDF because Xterms in PVC do not have java plug-in to support Floating Scene subsetting on EDG. We combined this test with 'HEW not available' test.

Existing NCRs (Including Severity and Description): 33627

1. DCLI ~~leaves~~ leaks .out file ~~33442~~ (sev 3)
2. EPD leaks ~~EP~~ granule files in error cases. 33513 (sev 3)
3. 33444 (sev 3) - Incomplete cleanup when EPD goes down
4. 33092 (sev 3) - EPD should log in cout of DCLI
5. 33086 (sev 3) - EPD: clean up debugging messages & temp. files

New NCRs (Including Severity and Description): 33639 (sev 3)

1. EPD does not handle apostrophe (') in User String (Impact: Request stays in Being Processed State)
2. EPD does not send error to HEW when it can't process the PDR.

Single NCR

Test Status:		
	☒ Complete	All test procedures ran to completion, with no existing or new severity 1 or 2 NCRs
	☐ Partial	Problems were encountered which need to be investigated in at least one test procedure (Documented Above). Re-demo of problem area(s) will be required.
	☐ Failed	At least one test procedure failed. Open severity 1 or 2 NCRs.

Signatures

Capability Lead / Integration Lab Lead: M. Christine Bories

Witnesses: Katheen X Ca