ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Off:	7. Org.
Randy Miller	10/9/98	98-1091	-	x0400	2077	Dev/CO

8. Title of Change: Deliver Amber Patch for 4PX to SMC (4PX.01)

9. Originator Signature	10. Date:	11. Class	12. Type:	13. Need Date:
Randy Miller	10/9/98	II	CCR	10/13/98

14. Office Manager Signature	15. Date:	14. Date CCB Decision Needed:	17. Category of Change:	18. Priority:
		10/12/98	Update Baseline	Emergency

19. Documentation/Drawings Impacted:	20. Schedule Impact:	21. CI(s) Affected:
See attached documentation for patch.	None	DSS SDSRV Database

22. Release Affected:	23. Date due to Customer:	24. Impl. Date:	25. Effectivity of Change:	26. Est. Cost
4PX	ASAP	10/13/98	10/13/98	None

27. Source Reference: ☒NCR (attach) ☐Action Item ☐ GSFC CCR ☐Tech Ref. ☐Other:
ECSed18242

28. Description of Change: (use additional Sheets if necessary)
Deliver and install patch to fix SDSRV database nonconformance.

29. Proposed Solution: (use additional sheets if necessary)
Merge files required for patch to 4PX baseline, create tar file containing patch files, deliver patch tar file to SMC, distribute tar file to sites, and install patch.

30. Alternate Solution: (use additional sheets if necessary)
Edit SDSRV index scripts by hand.

31. Consequences if Change(s) are not approved: (use additional sheets if necessary)
DAACs will have to edit scripts by hand (error prone) or will only be able to run one 4PX mode.

32. Does Change Affect Any of the following (Please Explain on additional sheet):
☐Maintenance Training ☐Performance ☐Operation Training ☐Safety ☐Service ☐Support ☒Test
☐Baseline (XRP) ☐Y2K Compliance

33. Organization(s) Affected: ☐CM ☐Clearcase SG ☐Contracts ☐Chief Eng ☐FOS ☐M&O
☐QO ☐ Rel Dev ☐Procurement ☐RTSC ☐Sci. Data Eng ☐Security
☐Sys. Dev. ☐Sys. Eng. ☐Sys Verf Acpt ☐Other

34. Site(s) Affected: ☒EDF ☒Mini-DAAC ☒VATC ☒EDC ☒GSFC ☒LaRC ☒NSIDC ☒SMC ☐AK ☐JPL
☐EOC ☐Other

35. Board Comments:	36. Work Assigned To:

37. Release Authorized (For CM Use Only): ☐Yes ☐ No	38. CM Verified/Signature and Date

39. EDF/REL2 CCB Chair (Sign/Date):	40. Disposition:	41. ESDIS ERB Concurrence:
10/13/98	☒App ☐Ap/C ☐DisApproved ☐Withdraw ☐Fwd/ECS ☐Fwd/ESDIS	

42. ECS CCB Chair (Sign/Date):	43. Disposition:	44. CCR Closed Date:
	App ☐ A/C ☐ DisApproved ☐ Withdraw ☐	

ORIGINAL

98-1091

4PX Patch "Amber"

Purpose

The Amber patch provides a new Science Data Server database update script to fix a problem in creating indexes in the Science Data Server database.

NCRs Fixed

The Amber patch fixes NCR 18242.

Nature of Fix

The Science Data Server update script for 4PX was revised to remove the "UNIQUE" keyword from several build commands. This keyword is not required and caused errors in the loading of non-unique keyed rows in some tables.

Installation Instructions

To install the Amber patch, execute the following steps:

Installation Instructions:

Login to Unix with a User account with write-access to:
/usr/ecs/<MODE>/CUSTOM/dbms/DSS

From the Unix command line:

% cd /usr/ecs/<MODE>/CUSTOM/dbms/DSS
response: should successfully cd to directory

Set environment variables :
% setenv DSQUERY _____srvr (name of SDSRV Sybase SQL Server)
response: variable is set.

% setenv SYBASE /tools/syb0Cv11.1.0 (Sybase version)
response: variable is set

% DsDbisql -U username -P password -i DsDbPatch471.sql -o
DsDbPatch71.out -d database_name
response: script completes with no errors from the command line.

Note1: Username and password are the DBO logins (or one with higher level of access).

NOTE2: Check the output file DsDbPatch471.out file for any error messages. Suggest that user perform "grep -i msg DsDbPatch471.out" for errors.

ORIGINAL