

ECS Configuration Change Request

1. Originator Randy Miller		2. Log Date: 10/9/98		3. CCR #: 98-1091		4. Rev: -		5. Tel: x0400		6. Off: 2077		7. Org. Dev/CO	
8. Title of Change: Deliver Amber Patch for 4PX to SMC (4px.01)													
9. Originator Signature <i>Randy Miller</i>				10. Date: 10/14/98		11. Class II		12. Type: CCR		13. Need Date: 10/13/98			
14. Office Manager Signature				15. Date:		14. Date CCB Decision Needed: 10/13/98		17. Category of Change: Update Baseline		18. Priority: Emergency			
19. Documentation/Drawings Impacted: See attached documentation for patch.						20. Schedule Impact: None			21. CI(s) Affected: DSS SDSRV Database				
22. Release Affected: 4PX				23. Date due to Customer: ASAP		24. Impl. Date: 10/13/98		25. Effectivity of Change: 10/13/98		26. Est. Cost None			
27. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> GSFC CCR <input type="checkbox"/> Tech Ref. <input type="checkbox"/> 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): <input type="checkbox"/> Maintenance Training <input type="checkbox"/> Performance <input type="checkbox"/> Operation Training <input type="checkbox"/> Safety <input type="checkbox"/> Service <input type="checkbox"/> Support <input checked="" type="checkbox"/> Test <input type="checkbox"/> Baseline (XRP) <input type="checkbox"/> Y2K Compliance													
33. Organization(s) Affected: <input type="checkbox"/> CM <input type="checkbox"/> Clearcase SG <input type="checkbox"/> Contracts <input type="checkbox"/> Chief Eng <input type="checkbox"/> FOS <input type="checkbox"/> M&O <input type="checkbox"/> QO <input type="checkbox"/> Rel Dev <input type="checkbox"/> Procurement <input type="checkbox"/> RTSC <input type="checkbox"/> Sci. Data Eng <input type="checkbox"/> Security <input type="checkbox"/> Sys. Dev. <input type="checkbox"/> Sys. Eng. <input type="checkbox"/> Sys Verf Acpt <input type="checkbox"/> Other													
34. Site(s) Affected: <input checked="" 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"/> Other													
35. Board Comments:										36. Work Assigned To:			
37. Release Authorized (For CM Use Only): <input type="checkbox"/> Yes <input type="checkbox"/> No						38. CM Verified/Signature and Date							
39. EDF/REL2 CCB Chair (Sign/Date): <i>[Signature]</i> 10/13/98				40. Disposition: <input checked="" type="checkbox"/> App <input type="checkbox"/> Ap/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/> Fwd/ECS <input type="checkbox"/> Fwd/ESDIS				41. ESDIS ERB Concurrence:					
42. ECS CCB Chair (Sign/Date):				43. Disposition: App <input type="checkbox"/> A/C <input type="checkbox"/> DisApproved <input type="checkbox"/> Withdraw <input type="checkbox"/>				44. CCR Closed Date:					

ORIGINAL

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.

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