

**ECS Configuration Change Request**

<b>1. Originator</b> Jenny Boliek	<b>2. Log Date:</b> 9/20/02	<b>3. CCR #:</b> 02-0820	<b>4. Rev:</b> —	<b>5. Tel:</b> 301--925-1122	<b>6. Rm #:</b> 2058	<b>7. Dept.</b> SE
<b>8. CCR Title:</b> Patch_6A.06_MSS_DBA.01B						
<b>9. Originator Signature/Date</b> Jenny Lynn Boliek /s/ 9/20/02			<b>10. Class</b> II	<b>11. Type:</b> CCR	<b>12. Need Date:</b> 09/20/02	
<b>13. Office Manager Signature/Date</b> Arthur Cohen /s/ 9/20/02			<b>14. Category of Change:</b> Initial ECS Baseline Doc.		<b>15. Priority:</b> (If "Emergency" fill in Block 27). Emergency	
<b>16. Documentation/Drawings Impacted</b> (Review and submit checklist): None			<b>17. Schedule Impact:</b> None.		<b>18. CI(s) Affected:</b> EcMsDdm	
<b>19. Release Affected by this Change:</b> 6A		<b>20. Date due to Customer:</b> 09/20/02		<b>21. Estimated Cost:</b> None - Under 100K		
<b>22. Source Reference:</b> <input type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: 34605, 34594, 32254, 32318, 32724, 33853, 33976						
<b>23. Problem: (use additional Sheets if necessary)</b> New DBA scripts are needed to support the installation of Sybase ASE 12.5 and Sybase 12.0. Also fix other problems in previously delivered scripts as identified by the DAACs. (See NCR List)						
<b>24. Proposed Solution: (use additional sheets if necessary)</b> Deliver new DBA scripts. Install on each Sybase Host as the Sybase Server is upgraded.						
<b>25. Alternate Solution: (use additional sheets if necessary)</b> Do not install Sybase 12.5 or Sybase 12.0. Remain on Sybase 11.9.2 and/or 11.9.3 even though Sybase 11.9.2 and Sybase 11.9.3 have reached end of support by Sybase.						
<b>26. Consequences if Change(s) are not approved: (use additional sheets if necessary)</b> Unable to do Nightly Backups each Sybase Host Sybase Server is upgraded to Sybase 12.5 or Sybase 12.0.						
<b>27. Justification for Emergency (If Block 15 is "Emergency"):</b> Need to support timely installation of Sybase 12.5 and Sybase 12.0.						
<b>28. Site(s) Affected:</b> <input type="checkbox"/> EDF <input checked="" type="checkbox"/> PVC <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"/> IDG Test Cell <input type="checkbox"/> Other						
<b>29. Board Comments:</b>				<b>30. Work Assigned To:</b>		<b>31. CCR Closed Date:</b>
<b>32. EDF/SCDV CCB Chair (Sign/Date):</b> A. Abtahi /s/ 9/20/02			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS ERB			
<b>33. M&amp;O CCB Chair (Sign/Date):</b> Pamela Johnson /s/ 9/20/02			<b>Disposition:</b> <span style="border: 1px solid red; padding: 2px;">Approved</span> App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ECS ERB			
<b>34. ECS CCB Chair (Sign/Date):</b>			<b>Disposition:</b> Approved App/Com. Disapproved Withdraw Fwd/ESDIS Fwd/ESDIS ERB			

# ADDITIONAL SHEET

**CCR #:** 02-0820    **Rev:**    — **Originator:** Cherry Kenney

**Telephone:** 301-883-4177    **Office:** 3204D

**Title of Change:** Patch\_6A.06\_MSS\_DBA.01B for EDC, GSFC, LaRC and NSIDC

CSG: ClearCase Support Group

Please make the following tar files from the 6A.06 baseline:

Please make a SUN (sun5.5) tar file with the following package:

.EcDbDDM.pkg

Please make a SOL8 (sun5.8) tar file with the following package:

.EcDbDDM.pkg

Please make a IRIX65 (sun5.8) tar file with the following package:

.EcDbDDM.pkg

Please name these tar files Patch\_6A.06\_MSS\_DBA.01B

Block #22 and 23 from page 1

NCRs Included

ECsed34065 2 C EDF Update DBA scripts for Sybase ASE 12.5.  
ECsed34594 2 V EDF Comments in .EcDbDDM.iu file starts with \$ instead of#  
ECsed32254 2 T GSFC DAAC GSFC/SMC - SQL Server performance improvements are necessar  
ECsed32318 3 V EDC DAAC OPS:6A.04:References to OPS mode hardcoded into EcCoDbSyb\_D  
ECsed32724 2 T GSFC DAAC DBA Maint. Script for Stmgtdb "data-only" locked tables  
ECsed33853 3 T LaRC DAAC Dump database even if Sybase dbccdb error 2540 occurs  
ECsed33976 5 R EDC DAAC Improvements for EcCoDbSyb\_DumpDb

The following NCR is partially delivered and requires EcsAssist be installed.

ECsed34910 2 M GSFC DAAC GSFC/SMC - Updates to BMGT installation

DAACs Install Instructions

To install this patch do the following:

## A. PREINSTALLATION

1. Copy all the \*irix65\* files to <staging\_area>/IRIX65 directory.
2. Copy all the \*sun5.5\* files to <staging\_area>/SUN directory.
3. Copy all the \*sun5.8\* files to <staging\_area>/SOL8 directory.

4. Using the three \*Setup.ksh files untar the three tar files.

5. When un tarring the SOL8 tar file as root untar the latest version of EcsAssist.

YOU MUST INSTALL A NEW VERSION OF ECS ASSIST

for the new archive\_new\_if\_needed functions to work during installation. This is a partial delivery of NCR 34910.

6. On the host where you are installing the DBA scripts, suspend the cron jobs that run these scripts.

## B. INSTALLATION

1. Logon to the host where you have upgraded your Sybase ASE to either Sybase 12.0 or Sybase 12.5.
2. Install the .EcDbDDM.pkg.

3. cd /usr/ecs/<MODE>/CUSTOM/dbms/COM/DBAdmin.

## C: CONFIGURATION OF THE DBA SCRIPTS

1. On the host where AutoSys runs, (xpplsnn) you are upgrading the Sybase server to Sybase 12.0, therefore:  
cp EcCoDbSyb\_SetupKsh.forASE120 to EcCoSyb\_SetupKsh.

On the all other Sybase hosts you are upgrading the Sybase server to Sybase 12.5, therefore:  
cp EcCoDbSyb\_SetupKsh.forASE125 to EcCoSyb\_SetupKsh.

2. Review the EcCoDbSyb\_README file for other customization of the installed scripts. (Any questions call Wenhsing at 301-883-4071 after contacting the Help Desk)

3. Ecs Assist installs new copies of the following in your /usr/ecs/<MODE>/CUSTOM/dbms/COM/DBAdmin directory. The old files will be still in the directory with a time stamp on the files.

EcCoDbSyb\_DumpDb  
EcCoDbSyb\_DumpTran  
EcCoDbSyb\_DbStat  
EcCoDbSyb\_Reorg  
EcCoDbSyb\_CkErrorLog

THESE FILES HAVE CHANGED AND ARE INCOMPATIBLE WITH PREVIOUS VERSIONS. DO NOT KEEP ANY TIME-STAMPED FILES AFTER INSTALLATION IS COMPLETE

Delete all the files in the /usr/ecs/<MODE>/CUSTOM/dbms/COM/DBAdmin directory with TIME STAMPS.

A new subdirectory, ase125, will also contain these scripts (you do not need to do anything with the files in the ase125 directory).

4. The following files will be installed in your /usr/ecs/<MODE>/CUSTOM/DDM/COM/DBAdmin directory with the extension .template. These are the files that are normally customized at each DAAC on each sybase host.

EcCoDbSyb\_DboMail  
EcCoDbSyb\_SedFile  
EcCoDbSyb\_CriticalMessages  
EcCoDbSyb\_DumpDataDirs  
EcCoDbSyb\_DumpTranDirs  
EcCoDbSyb\_DumpVarNamesFile

Similar files will also be put in the ase125 subdirectory. Again you do not need to do anything with the files in the ase125 subdirectory.

The EcCoDbSyb\_DumpVarNamesFile needs to be modified as follows:

On all hosts, edit the EcCoDbSyb\_ServerMessageLog value. The existing value should begin with /usr/ecs/OPS/COTS/sybase/install/. This should be changed to begin with /usr/ecs/OPS/COTS/sybase/ASE-12\_5/install/ on Sybase 12.5 platforms and to begin with /usr/ecs/OPS/COTS/sybase/ASE-12\_0/install on Sybase 12.0 platforms.

On the xxacgnn host, add the following line at the beginning of the script:  
export NUMCONSUMERS=2

### POSTINSTALLION:

1. On the host where you installed and configured the DBA scripts restart the cron jobs that run these scripts.