ECS Configuration Change Request

1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	30 JAN 01	01-0086	—	(301) 925-0348	2013	DEV/CO

8. CCR Title: TE 5B.06_INGEST.07 for distribution to all DAACs, PVC and VATC. NCR 29280 For GSFC/SMC: Configure Ingest to receive data from S4PM system

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date: 01/30/01
1/30/01	II	CCR	

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for 1/30/01	Other	Emergency

16. Documentation/Drawings Impacted:	17. Schedule Impact:	18. CI(s) Affected:
None	None	INGEST

19. Release Affected by this Change:	20. Date due to Customer:	21. Estimated Cost:
5B		None - Under 100K

22. Source Reference: ☒NCR (attach) ☐Action Item ☐Tech Ref. ☐GSFC ☐Other:
NCR 29280.

23. Problem: (use additional Sheets if necessary)
ECSed29280 Added data providers S4PM and S4P00 to $DATAPROVIDERS of the /ecs/formal/COMMON/scripts directory.
GSFC/SMC: Configure Ingest to receive data from S4PM system

24. Proposed Solution: (use additional sheets if necessary)
Delivery Notice of TE 5B.06_INGEST.07 for distribution to all DAACs, PVC and VATC. NCR 29280 For GSFC/SMC: Configure Ingest to receive data from S4PM systems

25. Alternate Solution: (use additional sheets if necessary)
Wait for 5B.07 is available.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
INGEST problems will continue to affect DAACs.

27. Justification for Emergency (If Block 15 is "Emergency"):
Ops at the DAACs requires immediate solution.

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): 1/30/01	Disposition: Approved App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 1/30/01	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

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ADDITIONAL SHEET

CCR #: 01-0086 **Rev:** – **Originator:** Evan Winston

Telephone: x0348 **Office:** 2013

Title of Change: TE 5B.06_INGEST.07 for distribution to all DAACs, PVC and VATC. NCR 29280 For GSFC/SMC: Configure Ingest to receive data from S4PM system

CONTENT:
CM: PLEASE,

build SGI (6n32) TAR file for the listed .pkg from 5B.07 baseline and provide to SMC

/ecs/formal/INGEST/scripts/EcInMkDataDirs

/ecs/formal/INGEST/common/src/sybase
/ecs/formal/INGEST/.dbparms
/ecs/formal/INGEST/common/src/sybase/EcInDbInitialDatagsfc.sql
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch61.ksh
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch61.sql
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch
/ecs/formal/INGEST/common/src/sybase/EcInDbReadMe.txt

build SGI (IRIX65) TAR file for the listed .pkg from 5B.07 baseline and provide to SMC.

/ecs/formal/INGEST/scripts/EcInMkDataDirs

/ecs/formal/INGEST/common/src/sybase
/ecs/formal/INGEST/.dbparms
/ecs/formal/INGEST/common/src/sybase/EcInDbInitialDatagsfc.sql
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch61.ksh
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch61.sql
/ecs/formal/INGEST/common/src/sybase/EcInDbPatch
/ecs/formal/INGEST/common/src/sybase/EcInDbReadMe.txt

SMC: Receive the TAR files and make available to the DAACs .

DAAC Install Instructions:
TE is to be loaded on top of INGEST installations of 5B.06 with TE 5B.06_INGEST.06 INSTALLED!!!!!.

INSTALLATION:

NOTICE: !!!!This TE has 2 sets of Tar files for SGI hosts - one to be used with sgi6n32 installs and one to be used with IRIX65 installs!!!!!!!!
Pick the required TAR file either for sgi6.2 or for IRIX6.5 OS.

1. Get TAR Files from SMC distribution;
Make sure you select the proper SGI TAR file--either for 6n32 or IRIX65.

2. UNTAR the files and copy to the staging area.

3. Modify the file permissions as specified below
   cd/<distribution_directory>/<stage_directory>/SUN/CUSTOM/dbms
   chmod 744 INS/EcInDbLogin

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3A. Use the 'cp' command to move the script file noted above into the scripts files area as noted below; making sure to use the same permissions and ownerships as other script files in the same directory.
Note:
The file is placed as follows:
/usr/ecs/<mode>/CUSTOM/utilities/

4. Apply the INGEST Datatbase patches on the INGEST xxicgxx host. Must have DBO privilege to perform this task.:
   a. Determine the current version of the INGEST database
      i. Use isql to access the INGEST database
      ii. Execute the following
         Select * from EcDbDatabaseVersions where EcDbCurrentVersionFlag = "Y"
      iii. Record the value in the EcDbComments field
   b. Apply the INGEST Database Patch from the SubSystem Manager.
      a. Click Database and Select Patch
      b. Select .dbparms
      c. In the Database Config Screen enter the next higher number than the number recorded in step a.iii above.
      d. Continue to apply the database patches sequentially until the INGEST database is patched to The latest database patch for INGEST (5B61.61) The Version number is 65)

NOTE: If 5B.06 and TE INGEST.06 have been installed prior to the installation of this TE then you will AT MOST need to apply DB patches 60, and 61
If you have install 5B.06 and TE STMGT.06 you will at most have to install DB patch 61.

5. Installation/Configuration Impacts:

Does this Merge Form affect any of these?
COTS configuration (Netscape, HP OpenView, etc.)?: No
mkcfgs, .cfgparms, or .envvars?: No
ESDT descriptors?: No
Valids?: No
Shell scripts (C or Korn)?: No
.dbparms?: Yes
Gui configuration (help, x-resource file, etc.)?: No
Other config files?: No
DLL files?: No
Database data (initial or patch script should be involved)?: Yes
Database objects (initial or patch script should be involved)?: No
.iu or pkg files?: Yes

Give an explanation for each item in Installation/Configuration Impacts for which you selected Yes:

Added SP4P00 and S4PM External Data Providers to table InExternalDataProviderInfo and new Datatypes MOD021QA and MOD0SS to tables InCurrentDataTypeMap and InDataTypeTemplate

6.. Test Instructions for Checkout Lab:
verify by inspecting the database tables. Goddard DAAC will verify by ingesting actual datasets.

Detailed descrition of change for ECSed29280:
describe your resolution to this problem:

1) Added data providers S4PM and S4P00 to $DATAPROVIDERS of the /ecs/formal/COMMON/scripts file.

2) Updated database
by INSERTing two rows of ExternalDataProviders S4PM and S4P00 to the InExternalDataProviderInfo table,
by INSERTing two rows of DataTypes MOD021QA and MOD01SS to the InCurrentDataTypeMap table, and
by INSERTing two rows of DataTypes MOD021QA and MOD01SS to the InDataTypeTemplate table.

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