1. Originator	2. Log Date:	3. CCR #:	4. Rev:	5. Tel:	6. Rm #:	7. Dept.
Evan Winston	11/09/00	00-1076	—	301.925.0348	2013	DEV/CO

8. CCR Title: Test Executable 5B.06_ESDT.13. Includes MOPITT ESDTs for LaRC and MODIS Mod29, MODIS OCEANS, and DAS - Ea for GSFC

9. Originator Signature/Date	10. Class	11. Type:	12. Need Date:
11/9/00	II	CCR	9November2000

13. Office Manager Signature/Date	14. Category of Change:	15. Priority: (If "Emergency" fill in Block 28).
for/Tim Ortiz 11/9/00	Other	Emergency

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

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:
NCRs: FOR LaRC DAAC 28832. GSFC DAAC 28350, 28593, and 28508
Note: some NCRs represent partial completions

23. Problem: (use additional Sheets if necessary)
Required before going public.
Please refer to the NCRs for the details of the ESDT changes..
NCR 28593: ESD72-68,69,70,126,127: Make new MODIS OCEAN ESDTs
NCR 28350: ESD72-121&122: Changes for MOD29, MOD29P1D, MOD29P1N.
NCR 28832 MOPITT ESDTs need LocalGranuleID added
NCR 28508 new DAS ESDTs

24. Proposed Solution: (use additional sheets if necessary)
Provide the ESDT changes. Five TAR files are being provided. Please look at each one to see if it is needed at your DAAC.
TAR File #34 for GSFC DAAC 28593 Nine MODIS OCEANS TERRA ESDTs TAR file #35 for GSFC DAAC 28593 Nine MODIS OCEANS AQUA ESDTs. TAR File #33 for GSFC DAAC 28350 Three MODIS Mod 29 ESDTs
TAR File #31 For LaRC DAAC 28832 Ten MOPITT ESDTs
TAR File #32 for GSFC DAAC : 28508 One DREA ESDT.

25. Alternate Solution: (use additional sheets if necessary)
None.

26. Consequences if Change(s) are not approved: (use additional sheets if necessary)
Problems with Public Release or delays in INGEST of data.

27. Justification for Emergency (If Block 15 is "Emergency"):
ESDTs are needed at the DAACs for immediate testing prior to public release of data.

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): 11/9/00	Disposition: (Approved) App/Com. Disapproved Withdraw Fwd/ESDIS ERB Fwd/ECS
33. M&O CCB Chair (Sign/Date): 11/9/00	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

ADDITIONAL SHEET

CCR #: 00-1076 **Rev:** — **Originator:** Evan Winston

Telephone: 301.925.0348 **Office:** DEV/CO

Title of Change: Test Executable 5B.06_ESDT.13. Includes MOPITT ESDTs for LaRC and MODIS Mod29, MODIS OCEANS, and Ea for GSFC

This Test Executable series [5B.05/6_ESDT.xx) is being delivered as a series of TAR files delivering related ESDTs. Each DAAC will need some of these ESDTs but not all. Review each TAR file for your sites needs and take only the ESDTs that will be required for your needs. The TE will be labled 5B.05_ESDTxx if it is from the 5B.06 baseline and 5B.06_ESDTxx if it is froom the 5B.07 baseline.

Note: Each TAR file listing shows the NCRs addressed and at least the first line description of the NCR. (see below)

This TE can be loaded on top of 5B.03, 5B.04 , and 5B.06 installations.

The previous TEs for ESDTs [5B.05/6_ESDT.01 and .02 and .03 and .04 and .05 and .06 ,ect.] are still valid.
Except 5B.06_ESDT.08 is obsolete.
Any ESDTs required by a DAAC should be taken from ESDT.01 first and then take any ESTDs needed from 5B.05/6_ESDT.02 and so on. Updates and installs should follow this same pattern.

ACTIONS:
CM:
Please Build the five SUN TAR Files for the merged ESDT files from current 5B baseline (5B.07) as listed below and provide as Test Executable 5B.06_ESDT.13. Provide the Tar files to the SMC.

TAR file #31 MOPITT for LaRC NCR 28832

/ecs/formal/ESDT/Mp/DsESDTMpMOP01ES.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP01QE.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP01QG.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP02D.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP02E.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP02NC.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOP02Q.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOPCrScn.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOPDisRd.001.desc
/ecs/formal/ESDT/Mp/DsESDTMpMOPLAnc.001.desc

These ESDT files will need to be installed -- cannot use the Update ESDT command.

TAR file #32 EA for GSFC

/ecs/formal/ESDT/Ea/DsESDTEaDREAPCHM.001.desc

This ESDT file will need to be installed -- cannot use the Update ESDT command
NOTE: The rest of the recent Ea ESDTs were delivered in TE 5B.06_ESDT.12 TAR file #30

TAR file #33 MODIS MOD 29 TERR[illegible]d AQUA for GSFC - NCR 28350

/ecs/formal/ESDT/Mo/DsESDTMoMOD29.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOD29.199.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYD29.001.desc

These MOD29 ESDTs require reinstallation; and export valids again because MOD29 ESDTs had LongName changes (see below for details)..

TAR file #34 MODIS OCEANS TERRA for GSFC --NCR 28593

/ecs/formal/ESDT/Mo/DsESDTMoMOAPWA.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOAPWB.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOAPY1.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOAPYA.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOAPYB.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOSPY1.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOSPYA.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOSPYB.001.desc
/ecs/formal/ESDT/Mo/DsESDTMoMOAPW1.001.desc

These are new ESDTs and will require installation -- cannot use the Update ESDT command

TAR file #35 MODIS OCEANS AQUA for GSFC NCR 28593

/ecs/formal/ESDT/Mo1/DsESDTMoMYAPW1.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYAPWA.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYAPWB.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYAPY1.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYAPYA.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYAPYB.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYSPY1.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYSPYA.001.desc
/ecs/formal/ESDT/Mo1/DsESDTMoMYSPYB.001.desc

These are new ESDTs and will require installation -- cannot use the Update ESDT command

DAAC Install Instructions :

1. Identify the proper Test Executable files
   Get Files listed above from SMC distribution;
2. UnTAR the files to a staging area.
3. Use the 'cp' from the command line to copy the ESDT files, storing these files inaccordance with local DAAC procedures (dir. where ESDT files are held usually: lib/ess), store in mode by mode, using the same ownerships and permission levels as existing ESDT files..
4. Then install the ESDTs as needed:

To install/update the ESDTs use the Science Data Server GUI.

5. Remember that for an initial install of an ESDT (NOT FOR UPDATES), an insert for each ESDT should be done through the Stmgt GUI. It is NOT recommended that these entries be made via an isql insert.!!!!One ESDT per GUI entry

Detailed Description of ESDT Changes
DsESDTMoMOD29.001.desc DsESDTMoMOD29.199.desc
Changes:

```
/*****************************************************************/
/*ESD72-121              2000/10/02      ECSed28350        */
/*Change the LongName from "MOD29 L2 SEA ICE COVER GRANULE" to     */
/*"MODIS/Terra Sea Ice Extent 5-Min L2 Swath 1km". Changed the     */
/*CollectionDescription to be the same value as the LongName.      */
/*Updated the RevisionDate. Added SingleTypeCollection and Temporal.*/
/*Changed ContactInstructions for the NSIDC DAAC from "None" to the */
/*following: "For inquiries, contact NSIDC User Services". In the   */
/*Collection metadata, where Role = Archive and TelephoneNumberType */
/*= Facsimile, changed TelephoneNumber from "303-492-6199" to      */
/*"303-492-2468". In the Collection metadata, where Role = Producer */
/*and TelephoneNumberType = Voice, changed TelephoneNumber from     */
/*"301-286-7608" to "301-614-5515". Corrected class numbering in the*/
/*ContactOrganization group.                                        */
/*Added 9 new DisciplineTopicParameters groups.                     */
/*Added ProcessingLevel with ProcessingLevelID = "2" and            */
/*ProcessingLevelDescription = "Geophysical Quantities at the sensor*/
/*resolution or geolocated". Changed the value of NumberofSensors   */
/*from 1 to 3. Changed the value of SensorShortName in the          */
/*Collection metadata from the single value of "CCD" to the         */
/*following 3 values (using multiple containers): VNIR, SWIR, TIR.  */
/*Added "Terra" platform container to the Platform group at the     */
/*Collection level (in addition to "AM-1"). In the Collection       */
/*section for GROUP = AdditionalAttributes, change Mandatory =      */
/*"TRUE" to "FALSE" for all Containers and Objects. Also change     */
/*Mandatory to "FALSE" for the corresponding PSAs in the Inventory  */
/*Section. Changed LocalVersionID from Mandatory = "TRUE" to        */
/*Mandatory = "FALSE". Added ScienceQualityFlag value               */
/*"Not Investigated". Change AssociatedPlatformInstrumentSensor to  */
/*reflect multiple containers with values.                          */
/*Changed Data_Location to "PGE", Mandatory to                      */
/*"FALSE", and removed the "Value =" lines in the following Archived*/
/*metadata objects: AlgorithmPackageAcceptanceDate,                 */
/*AlgorithmPackageMaturityCode, AlgorithmPackageName, and           */
/*AlgorithmPackageVersion. Change Num_Val from 1 to 3 in the        */
/*Archived metadata object LocalInputGranuleID. Added LongName to   */
/*the Archived metadata. Changed the Archived metadata values of    */
/*DESCRrevision from "1.2" to "1.4".                                */
/*****************************************************************/
```

The ESDTs below will be added to the directory /ecs/formal/ESDT/Mo1:
DsESDTMoMYD29.001.desc
Changes:

```
/*****************************************************************/
/*                      2000/10/18      ECSed28350        */
/*Change the LongName from "MOD29 L2 SEA ICE COVER GRANULE" to     */
/*"MODIS/Aqua Sea Ice Extent 5-Min L2 Swath 1km". Changed the      */
/*CollectionDescription to be the same value as the LongName.      */
/*Updated the RevisionDate. Added SingleTypeCollection and Temporal.*/
/*Changed ContactInstructions for the NSIDC DAAC from "None" to the */
/*following: "For inquiries, contact NSIDC User Services". In the   */
/*Collection metadata, where Role = Archive and TelephoneNumberType */
/*= Facsimile, changed TelephoneNumber from "303-492-6199" to      */
/*"303-492-2468". In the Collection metadata, where Role = Producer */
/*and TelephoneNumberType = Voice, changed TelephoneNumber from     */
/*"301-286-7608" to "301-614-5515". Corrected class numbering in the*/
/*ContactOrganization group.                                        */
/*Added 9 new DisciplineTopicParameters groups.                     */
/*Added ProcessingLevel with ProcessingLevelID = "2" and            */
/*ProcessingLevelDescription = "Geophysical Quantities at the sensor*/
/*resolution or geolocated". Changed the value of NumberofSensors   */
```

```
/*from 1 to 3. Changed the value of SensorShortName in the          */
/*Collection metadata from the single value of "CCD" to the         */
/*following 3 values (using multiple containers): VNIR, SWIR, TIR.  */
/*In the Collection                                                 */
/*section for GROUP = AdditionalAttributes, change Mandatory =      */
/*"TRUE" to "FALSE" for all Containers and Objects. Also change     */
/*Mandatory to "FALSE" for the corresponding PSAs in the Inventory  */
/*Section. Changed LocalVersionID from Mandatory = "TRUE" to        */
/*Mandatory = "FALSE". Added ScienceQualityFlag value               */
/*"Not Investigated". Changed AssociatedPlatformInstrumentSensor to */
/*reflect multiple containers with values.                          */
/*Changed Data_Location to "PGE", Mandatory to                      */
/*"FALSE", and removed the "Value =" lines in the following Archived*/
/*metadata objects: AlgorithmPackageAcceptanceDate,                 */
/*AlgorithmPackageMaturityCode, AlgorithmPackageName, and           */
/*AlgorithmPackageVersion. Change Num_Val from 1 to 3 in the        */
/*Archived metadata object LocalInputGranuleID. Added LongName to   */
/*the Archived metadata. Changed the Archived metadata values of    */
/*DESCRrevision from "1.0" to "1.1".                                */
/*******************************************************************/
```

CM01AJA00