DAAC/ECS STATUS Table for October 15, 1997

Release	DESCRIPTION	Status	Problems/Comments
Pre-Release B Testbed	**HW/SW Installations**	The final upgrade to the ECS Pre-Release B Testbed, v1.4, will be delivered in late October. Following the delivery of v1.4, changes will be made and installed on a per-case basis, depending on the severity of the problem and its impact on SSI&T. Testbed teardown is scheduled for the first week in January 1998.	
	SSI&T	Wrapup Reports of Subsystem 11 SSI&T are being compiled and will be sent to CERES. As time permits, will attempt SSI&T on Subsystem 1 on the testbed. Subsystem 1 has been delivered to the DAAC with the necessary metadata files using Toolkit 5.1.1 as apart of the 30 Day test activities. This exercise will be only to see what problems we may encounter during Early SSI&T at the Hughes Facility.	
LaTIS	**Definition/ Development**	Meeting held with CERES/DAAC folks to finalize information on the input file for the PCF generation process. ICD's for ISCCP B1 data from NCDC (Meteosat and GMS) and CSU (GEOS-W) being finalized. LaRC DAAC/CERES Operations Agreement sent to all for review and input. Feedback requested by Thursday, October 23. LaTIS ORR is now scheduled for October 30, 1997.	
	SSI&T	SSI&T of CERESlib version for TK 5.2 complete. SSI&T of GGEO underway	
	Other	DAAC is processing 30 days of data from the 30 Day TRMM test (2/2000) through ERBElike. DAAC is working with CERES on issues relating to the SARB 30 day test.	

Release	DESCRIPTION	Status	Problems/Comments
Version 2.0 (Release B)	**HW/SW Installations**	ECS v2i3 (version 2 increment 3), the launch-ready version of the system, is scheduled to be installed at the Langley DAAC by 2/15/98. Formal AM-1 launch SSI&T will begin soon after the deployment. ECS v2i2 (version 2 increment 2), the SSI&T version of the system, is scheduled to be deployed to the VATC (Verification and Acceptance Test Center) and the GSFC DAAC hardware strings in October/November. ECS v2i2 will be available for early SSI&T (via remote access) at the VATC. The DAACs have requested that v2i2 also be deployed (with technical support limitations) at each AM-1 DAAC.	
	ESDTS	A list of V2.0 ESDT's for ECS external/ancillary data has been provided to DMO. It shows the ShortNames used by ECS and includes most of the external data used by LaTIS. ECS received the CERES Production rules (for LaTIS) by subsystems. ECS work is ongoing on the schedule for implementation of V2.0 production rules (PR). PR list will be finalized based on updated information from the Instrument teams for at-launch PGE's.	
	SSI&T	There was a meeting (10/6) to discuss CERES V2.0 SSI&T issues with CERES/DAAC/ESDIS and ECS participation. Topics included CERES PGE's to be provided for the pre-SSI&T testing by ECS, related contacts and DAAC involvement, at-launch PGE's and production rules to be used by CERES. The DAAC will be the primary focal point between ECS and CERES for the Early SSI&T. The ECS SDP toolkit (5.2.1) and HDF-EOS library (2.1) updates for ECS V2.0 are in the testing phase and on schedule for the 10/31 release.	
	Other	- A new listserver (EOSTools) has been established to foster the development of tools for use with EOS data products. It will be a forum to discuss issues on EOS data, metadata standards and software tools, such as HDF-EOS. To subscribe, send e-mail to "majordomo@eos.nasa.gov" with the subject "subscribe eostools <address>"	

Status of Release 2 CERES SSIT at the LaRC DAAC 10/14/97)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Run test cases using Codine	Production Volume Stress Test	Comments
1.0	06/26/97 08/27/97	06/30/97 08/27/97	07/01/97 08/28/97	07/02/97 08/28/97	07/03/97 08/28/97	07/03/97 08/30/97	08/30/97	Redelivery for 30 day test 8/27/97
2.0 & 3.0	06/16/97	06/17/97	06/23/97	06/19/97	06/23/97	07/02/97	07/17/97	
4.1-4.4	08/15/97	08/19/97	08/19/97	08/21/97	08/25/97	08/26/97	08/26/97	
4.5-4.6	08/22/97	08/26/97	08/28/97	08/30/97	09/02/97	09/03/97	09/17/97	
5.0	09/11/97	09/12/97	09/15/97	09/16/97	09/16/97	09/17/97		
6.0								
7.1								
7.2								
8.0								
9.0								
10.0								
11.0	08/01/97 10/10/97	08/05/97 10/14/97	08/05/97	08/07/97	08/07/97	08/08/97		
12.0	08/01/97	08/05/97	08/06/97	08/05/97	08/06/97	08/08/97	08/08/97	
cereslib	06/17/97 08/01/97+ 10/03/97*	06/18/97 08/04/97 10/06/97	06/23/97 08/05/97 10/07/97	06/18/97 08/05/97 10/07/97	06/18/97 08/05/97 10/07/97	N/A N/A N/A	N/A N/A N/A	+Delivery for SS 11 * Delivery for TK5.2

Status of Release 2 CERES SSIT on the ECS Pre-Release B Testbed at the LaRC DAAC (10/1/97)

Subsystem	Delivery Date of accepted delivery	Delivery Content Verified and Accepted	Delivery placed under CM	Compile and link with SCF toolkit	Run test cases with SCF toolkit cmd line	Compile and link with DAAC toolkit	Run test cases with DAAC toolkit cmd line	Register ESDTs and update PDPS with ESDT metadata	Created PGE metadata (PCF info)	Created metadata for input test data	Created Science Software Exec Package	Create DPR and run jobs through PDPS
11.0 (main)	08/01/97	08/08/97	08/11/97	08/11/97	08/11/97	08/12/97	08/12/97	08/13/97	08/15/97	08/18/97	08/19/97	08/29/97*
11.0 (post)	08/01/97	08/08/97	08/11/97	08/11/97	08/11/97	08/12/97	08/12/97	08/13/97	09/19/97	09/19/97	09/19/97	09/19/97
cereslib	08/01/97	08/08/97	08/11/97	08/11/97	08/11/97	08/11/97	08/11/97	N/A	N/A	N/A	N/A	N/A

* NOTE: Testbed Versions 1.2 and 1.3 were installed in September. CERES GGEO_MAIN ran successfully with these versions. GGEO_POST was not run until after Versions 1.2 and 1.3 were installed and tested.

Working on Wrapup Reports.

CERES Release 2 DAAC Performance Measurements - 10/1/97

One execution on LaTIS configuration of each PGE at production-level volume expected for TRMM launch.

SS	PGE	Compiler	Test Date	Time,sec			Block Operations		Peak Memory MB	Disk Storage, MB					Runs per Mnth
				Wall	User	System	Input	Output		Input	Temp	Interm	Arch	Logs/ QC	
1.0	Instrument	Ada	08/30	13952	13335	424	27397	7428	1320.3	106	0	303	387	0.9	31
2.0	Daily TOA Inversion	SGIF90	07/16	288	276	9	4334	5	3.3	284	284	13	487	.02	31
3.0	Monthly Averaging	SGIF90	07/17	569	400	130	4890	230	15.7	403	410	0	140	1.7	1
4.1/ 4.4	Cloud Retrieval/ Footprint Convolution	SGIF90	08/26	4481	4384	52	3174	13	323.1	312	0	1167	30	36.0	744
4.5	TOA/Surface Fluxes	SGIF90	09/17	162	33	126	52	13	2.9	215	0	0	201	0.08	744
5.0	Instantaneous SARB	SGIF90													744
7.2	Synoptic SARB														
12.0	MOA Regridding	NAG 32bit	08/08	1633	1548	29	35672	29	40.5	709	0	0	319	.001	31
11.0	Grid Geostationary														
11.1	Sort GGEO														
9.0	Surface Gridding														
9.1	Sort SFC Files														
12.1	Post-process MOA														
10.0	TOA/SRB Averaging														
6.0	Atmos. Gridding														
6.1	Sort FSW Files														
7.1	Synoptic Interpolate														
8.0	Synoptic Averaging														
System Total															

System total: multiply each PGE measure by the number of Runs per Data Month for that PGE, then add all PGE's. Some PGE's will require more resources for each instrument on EOS-AM and EOS-PM.