DAAC/ECS STATUS Table for October 29, 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. Testbed teardown is scheduled for the first week in January 1998.	
	SSI&T	Wrapup Reports of Subsystem 11 SSI&T were compiled and given to Joe Stassi. The final version of the Testbed SSI&T Operational Procedures (a.k.a. Green Book) is out. It is available in the anon FTP site "newsroom.gsfc.nasa.gov" in directory /pub/Greenbook. Updated sections include ESDT handling tools and description on accessing failed PGE logs.	
LaTIS	**Definition/ Development**	Demonstration of the LaTIS Production Request GUI was given to DAAC and CERES folks on 10/23. ICD's for ISCCP B1 data from NCDC (Meteosat and GMS) is now complete. LaRC DAAC/CERES Operations Agreement sent to all for review. Comments are now being incorporated. LaTIS ORR is scheduled for October 30, 1997.	
	SSI&T	SSI&T of Subsystems 1 and 11 redeliveries is complete. Production volume stress testing of Subsystems 5 and 11 is underway.	
	Other	DAAC completed processing of 30 days of test data from the TRMM 30 day test 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.	
	ESDTS	None	
	SSI&T	CERESlib and Subsystem 11 have been sent to the ECS Landover staff for Early SSI&T on the Version 2 SSI&T system at the Verification and Acceptance Test Center (VATC). The DAAC is the primary point of contact for any issues regarding this testing. 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	None	

Status of Release 2 CERES SSIT at the LaRC DAAC (10/28/97)

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 10/24/97	06/30/97 08/27/97 10/26/97	07/01/97 08/28/97 10/27/97	07/02/97 08/28/97 10/27/97	07/03/97 08/28/97 10/28/97	07/03/97 08/30/97	08/30/97	
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 10/14/97	08/07/97 10/16/97	08/07/97 10/16/97	08/08/97 10/17/97		
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.

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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.