MODIS
Emergency Backup System

Progress Update

October 23, 1997

Prototyping Milestones

Activity	Date	Comments
Scheduler	3/9/97	Completed
WWW Interface	5/8/97	Completed
Data Management	8/15/97	Completed
Hour-in-the-Life	9/15/97	Completed
Level 0 Anc I/F Test	10/15/97	Completed
Archive Management	10/29/97	On target
Day-in-the-Life	11/15/97	On target
V1 Week-in-the-Life	12/15/97	On target
V2 Week-in-the-Life	2/10/98	On target
End-to-End Test	6/15/98	On target

10/23/97

Introduction

Scope

- MEBS is a post launch processing system

- Used for Validation, quality assurance, and science

- Version 2 production science code accepted by SDST Integration and Test will be tested on MEBS

- Science Team development system

PGEs Tested

- Hour in the Life Test

  Level 0 Data

  Level 1A and Geolocation

  Level 2 Data

- Day in the Life Test

  Level 0 Data

  Level 1A and Geolocation

  Level 2 Data

  Level 2G

  Level 3 Daily
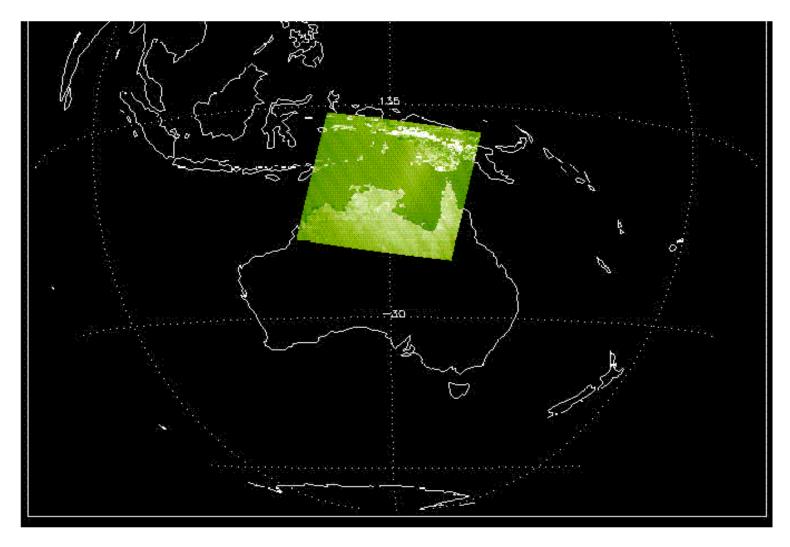
Operations Concept: MEBDOS

- Science Product ordering

  — Select MEBDOS site with web browser

  — Register name and contact information

  — Select a product type, time, and space bounds

  — See available data files

  — Repeat with other products or selections

  — Order files on tape or via FTP

- Prototype URL:

  http://ltpwww.gsfc.nasa.gov/MODIS/SDST/mebs/

Level 1B Radiances (Band 22)

Job Summary - Hour in Life Test

Start: 09-01-1997

End: 10-01-97

Product ID	Success	Failure	User CPU Time			System CPU Time			Real Time		
MOD02	17	4	61.99	290.69	585.28	45.85	218.11	509.17	61.75	556.49	1292.53
MOD04L_L2	8	5	184.97	256.85	319.01	30.43	33.03	34.84	158.16	241.33	329.29
MOD04S_L2	8	5	193.09	361.37	694.43	28.04	29.83	33.68	129.53	296.54	463.5
MOD05_L2	8	5	65.77	66.84	68.22	23.78	25.83	27.25	66.64	83.75	97.79
MOD07_L2	17	1	54.53	71.82	77.57	271.61	322.98	367.43	206.39	333.34	453.8
MOD10_L2	9	0	10.49	15.47	17.89	3.66	9.1	12.41	8.66	24.24	38.19
MOD28L2	13	0	151.05	153.65	156.28	23.4	27.8	33.2	93.3	137.54	205.43
MOD29	9	0	10.57	16.13	18.06	3.86	8.57	11.02	16.89	24.22	30.19
MOD35_L2	16	3	258.09	321.08	415.44	489.2	804.6	1392.4	689.72	1292.59	1960.8
MODANCL2	82	0	0.1	294.16	1262.06	0.08	8.34	40.78	0.31	256.73	1547.74
MODOCL2	6	1	921.99	2181.48	3688.48	1106.12	1390.82	1900.02	1971.27	3100.32	4499.17
MODVOLC	21	0	4.97	5.58	6.14	16	19.22	48.84	6.37	31.48	162.96

Times are minimum, average, and maximum of all successful completions, in seconds.

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