

MODLAND Test (March 16-April 12)

Goals

Product Improvement
Continuos Operations – Ops Training
Order products and ftp push – Q/A team training
Identify Performance Bottlenecks
Test Process for Bringing in Patches to Science Code and MODAPS

Scheduled Activities

3 Weeks of LI-L3 Daily products starts on March 16
1 Week of 8 day products

Resources

VO MODAPS
Computing System
mtvsl system with 32 processors
2 Ampex Libraries
800GB Fibre Channel RAID
Synthetic Data Set
**Current “Best Science” in Old L1 B format for 8 days
(Day 219-224)**

Year 2000 Testing (March 1-31)

Goal

Certify Y2K compliance

Activities

Demonstrate setting clocks ahead on the system to cross over midnight (12/31/99 to 1/01/00)

Demonstrate processing over the **boundary**(12/31/99 to 1/01/00) with synthetic data set of at least an orbit *and* appropriate *ancillary data* (ECS can't supply ancillary data for these periods)

Deal with day 366 in 2000 and 2/29/2000

Resources

VO MODAPS
Computing System
mol

Year 2000 Test Resources (Continued)

Synthetic Data Set

Current "Best Science" in Old L1 B format for 1 orbit crossing the 12/31-1/01 boundary, day 366 and 2/29

Kaufman - Terra Test (March 15-May 7, test on 4/22)

Goal

Test interfaces between MODAPS, DAACs and SCFs as part of a larger test of the ground system from EDOS, GDAAC-MODAPS-DAACs-SCFs-other science investigators

Activities

Receive LI products from GDAAC

Ingest LI products via SIPS Interface

Produce L2 – L3 products

SCFs get data from MODAPS and GDAAC for Q/A

SCFs Q/A data and update metadata at DAACs (eliminated from test due to change in Terra scope)

Resources

VO MODAPS with SIPS ingest

Computing System

mtvsl

One day of "Best Science" data in old LI B format backed up to CCSDS packets by Eric Chomko

MODAPS Acceptance Testing April 30-May 27

Goal

Compare Version 1 MODAPS against requirements, benchmark system and prepare system to participate in MOSS-2

Activities

Testing of Version 1 MODAPS system after I&T phase by SDST test team

Full range of at-launch MODAPS functionality

Resources

V1 MODAPS

Computing System

mtvsl

8 days of synthetic data, improved science and new LI B format

MOSS 2 – June 6-12

Goal

ETE and performance testing of entire ground system

Activities

Receive L1 products from GDAAC

Ingest L1 products via SIPS Interface

Produce L2 – L3 products

Send L2-L3 products to DAACs which ingest them

Issue:

Availability of SIPS interface at DAACs

GSFC DAAC will be using VO Ingest (ACDIS system)

SCFs get data from MODAPS and GDAAC for Q/A

SCFs Q/A data and update metadata at DAACs

Issue

Automated Q/A update tool needs making of UR to local granule ID