

NOAA/NESDIS/CLASS

FY09 1st Quarter notes

- CLASS FY09 first quarter Operational Analysis (OA) data is based on a summary of the CLASS Ground System monthly briefings covering activities in October, November and December of 2008 / FY2009.
- Cost Variance is a result of some delays in applying the appropriate resources expeditiously at contract / task initiation. Now that resources have been identified and applied, future variances are not expected.



Line Office NESDIS CLASS

OA Q1 FY09 Quarterly Report – January 27, 2009

G Current Qtr Customer Business & Strategic Results

- During the month of October, the IT Security and System Administration Team (ISSAT) worked with Operations staff and migrated 40 TB of operational data to the SL8500 tape library.
- Completed a design for a centralized vulnerability scanning architecture.
- Continued work on defining a secure and comprehensive SNMP configuration to be tested in the NSOF PoP network.
- Resumed Geostationary Operational Environmental Satellite (GOES) historical migration and Defense Meteorological Satellite Program (DMSP) historical ingest.
- Completed system integration and testing of Release 5.0.1 and promoted it to operations on November 25th.
- Completed testing of new Sun X4600 metadata servers.
- Installed new Brocade 48000 switches at CLASS NCDC and CLASS NSOF.
- Quarterly Metrics
 - Data Acquisition: 993,249 files
 - Data Delivery: 1,700,678 files
 - Overall CLASS operational availability – 100.0%
- GOES-12 became inoperable on December 14th and was replaced by GOES-13 on December 15th. CLASS began ingesting GOES-13 as soon as the data provider began transmitting the data to CLASS

G Next Qtr Customer Business & Strategic Results

- Test the CLASS NCDC SL8500 robot with CLASS operational functionality of archiving data and retrieving data for dissemination of orders.
- Support CLASS promotion of Release 5.0.2. This release will incorporate the ability to retrieve data from multiple sources such as the CLASS NCDC SL8500 robot.
- Transfer control of the CLASS firewall from the NCDC security team to the CLASS team. This will be complete on January 5, 2009.
- Repeat baseline tests to verify the disk enclosure replacement. Complete verification of Release 5.0.2. Begin testing for Release 5.1.
- Continue load testing.
- Continue reorganization of the CLASS Level 3 requirements.
- Input Level 2 requirements into DOORS.
- Gather additional information and review SNAAP requirements and operations.
- Follow up and address issues and action items in the TFP report when it becomes available.

G Risks, Issues, and Innovations

Issues:

- Operations and system administrators continue to discuss and evaluate the performance of the CLASS NCDC environment. The group will offer resolution suggestions as they are identified and verified.
- Quantum needs to provide guidance on how to migrate the managed file systems from the SGI machines to the Sun machines in the operational environments.

Risks:

- Delays procuring Sun servers will affect the deployment of servers in the operational environments.

Mitigation:

- Four system errors that occurred during the month of October, two of them being minor incidents. In all cases, the systems were restored within the 12-hour window, or backup procedures were invoked per the BCP.

G Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost to Date	Cost Variance
CLASS Operational Costs	\$767,930	\$681,052	-\$86,877

R Red = Management attention required

Y Yellow = Potential management action required

G Green = Necessary and on-track