

NOAA NCS CLASS

OA Q2 FY11 Quarterly Report – April 26, 2011

G Current Qtr Customer Business & Strategic Results

- CLASS NCDC continued to support large GOES block orders and bulk orders placed online
- CLASS NGDC completed the replication of 154 TB of CMD reanalysis, and 1,368 files need to be recovered either from tape or through a reorder from NCEP
- Held a successful GOES-R Interface PDR on March 15th and 16th and received the Final Review Board Report which provided unanimous authorization for CLASS to proceed to CDR
- Participated in early data flows in preparation for NPP Compatibility Tests (NCTs) including successfully submitted subscriptions in the IDPS system and received test data in the PaL environment, successfully sent CLASS data to NASA's SDS system, and successfully received non-gridded RIPs from the GRAVITE system
- Continued testing Release 5.5 CCRs and started preparations for Release 5.5 ORR
- Completed planning for Release 6.0 and interim releases; this included planning for NPP launch readiness and support for correcting issues identified after NCT3 Part 2 and NCT4 testing

G Next Qtr Customer Business & Strategic Results

- Support testing of CORS data ingest at NGDC and subsequent transition to full operational ingest
- Continue ingesting reforecast and reanalysis CMD
- Support the deployment of NPP Linux servers in the Operational environments
- Complete Release 5.5 testing and support ORR, continue development of Release 5.5.1., and initiate development of Release 6.0
- Participate in the NCT3 Part 2 dry run and Run for Record tests
- Begin preparations for the GOES-R Archive and Access PDR
- Deploy 10Gbps backbone network upgrade between NSOF and NGDC
- Begin construction on relay manifest functionality
- Complete NEAAT Release 3 acceptance testing, prepare for Release 3 ORR, complete Release 4 development, and begin system testing
- Deploy metrics reporting tool on CLASS servers in Lab environment and be ready to deploy agents in other environment(s) if / when other test environment(s) opens up
- Complete and deliver the NEXRAD project charter
- Prepare for the C&A and continuous monitoring activities

G Risks, Issues, and Innovations

Risks:

- ERB - The lack of detail in GOES-R interface specifications may cause an implementation by GSP that is incompatible with CLASS current modes of doing business
- ERB - Lack of Adequate Preservation Planning could result in poor design decisions that result in inefficiencies and/or lack of robustness in system capabilities.

Issues:

- A small electrical fire caused by a faulty power connector occurred at CLASS NGDC on March 4 during a managed file system migration from the DDN disk storage to the EMC disk storage. CLASS NGDC was powered down and subscriptions were moved to CLASS NSOF. A message was posted regarding the unavailability of the FTP area for data download and that orders could be restarted. Power was restored on March 7. The managed file system migration resumed on March 8th. The system started supporting Operations on March 10, and subscriptions were switched back to CLASS NGDC on March 14.

Innovations:

- Completed and delivered the Cloud Computing White Paper.

G Planned & Actual Expenditures (FY11)

Milestone	Cumulative Planned Cost (\$k) (FY11-Q2)	Cumulative Actual Cost to Date (\$k) (FY11-Q2)	Cost Variance (\$k)
CLASS Operational Costs	\$1786	\$1574	\$212

R Red = Management attention required

Y Yellow = Potential management action required

G Green = Necessary and on-track

NOAA/NCS/CLASS

FY11 2nd Quarter notes

- CLASS FY11 Second Quarter Operational Analysis (OA) data is based on a summary of the CLASS performance reports for January, February, and March, 2011.