

# NOAA/NESDIS/CLASS FY09 Third Quarter notes

- CLASS FY09 Third Quarter Operational Analysis (OA) data is based on a summary of the CLASS performance reports for April, May and June 2009.



# Line Office NESDIS CLASS

## OA Q3 FY09 Quarterly Report – July 23 ,2009

### **G** Current Qtr Customer Business & Strategic Results

- Prepared for and participated in the IBR. Included development and submission of documentation, and participation in in-brief, interviews, and out-brief activities. Began follow-up on action items;
- Completed design, development and implementation of the following CLASS releases:
  - CLASS Release 5.1 (Promoted to Ops);
  - CLASS Release 5.1.1 (Promoted to Ops);
  - CLASS Release 5.2 (TRR on July 2);
- The GOES historical migration was completed ahead of the scheduled date of 05/31/09.
- Started evaluation, installation, configuration and inter-tool integration of development infrastructure that will be used for development of CLASS using Java and the OSGi framework.
- Prepared for and supported the GOES-R SDR; prepared and reviewed the proposed system architecture enhancements necessary for supporting GOES-R.
- Continued designing system enhancements, such as: scenarios for ingesting data at multiple nodes; Storage Management Service design approach in handling duplicate file acquisition at multiple CLASS nodes.

### **G** Next Qtr Customer Business & Strategic Results

- NPOESS Preparatory Project (NPP) testing in July 2009
- Support the integration of the new Sun X4600 metadata servers into the NSOF and NGDC operational environments.
- Begin verification of Release 5.2 CCRs and WRs (mid-July). Complete planning for Release 5.3.
- Begin addressing TBXs and other changes in the GOES-R-CLASS IRD.
- Begin developing a work-off plan for the RFAs from the CLASS GOES-R SRR/SDR once the final report is received.
- Make final preparations for supporting NPP ICTs scheduled for July 2009.

### **G** Risks, Issues, and Innovations

**Issues:**

- Recurring issues with stability of StorNext and file system configuration are impacting operations.
- Lack of manifest files for some NPP data (e.g., DQM, E-MSDS) could prevent archival

**Risks:**

- The rate of system evolution may be insufficient to meet demands on the system
- NPP Load testing results may be inadequate to demonstrate CLASS meet/exceeds NPP requirements
- Procedures to review archive requests not completely implemented.

**Mitigation:**

- Monthly risk reviews at the sub-team and DGP management level will continue in June. In addition, the RVG and the Contract Project Manager will meet with the Government. DGP will present the GOES-R-related risks at the upcoming GOES-R review.

### **G** Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost to Date	Cost Variance
CLASS Operational Costs (through 06/30/09)	\$2,576,030	\$2,576,030	\$0

**R** Red = Management attention required

**Y** Yellow = Potential management action required

**G** Green = Necessary and on-track