

NOAA/NESDIS/OSD/GSD POES Ground System FY10 3rd Quarter notes

- POES Ground System FY10 Third Quarter Operational Analysis (OA) data is based on a summary of the POES Ground System monthly briefings covering activities in April, May, and June 2010.
- POES-GS financial data is also found in the current POES-GS OMB Exhibit 300 and OMB IT Dashboard.



Line Office NOAA NESDIS OSD GSD POES Ground System OA Q3 FY10 Quarterly Report - July 28, 2010



Current Qtr Customer Business & Strategic Results

Polar Acquisition Control System (PACS) Upgrade

- Completed the software baseline on the operational Communication Controller subsystem (CC) and Telemetry and Command Subsystem (TCS).
- Completed and signed-off problem reports resulting from the Global Rebuild.
- Completed on-site acceptance testing of Satellite Operations Monitoring System (SOMS) code changes, merged the changes into the operational SOMS code using the Configuration Management tool. Installed PSOM04 on operational rail for running in parallel to check products.
- TCP/IP interface from CWS and TCS moved to the testing phase.
- Added Low Earth Terminal (LEO-T) to the Malibu 5m antenna at Fairbanks and delivered the final LEO-T HW/SW O&M manuals.

Multi-mission L&S Band Receiver (MLSBR)

- Installed firmware upgrade for auto bit rates and ran acceptance tests at CDA sites.

Jason-2.

- Continued to resolve POAMs.

Polar Frame Sync Replacement

- Completed the Factory Acceptance Test, and the Test Readiness Review (TRR).
- Completed first article testing at NSOF Suitland, MD.



Next Qtr Customer Business & Strategic Results

PACS Upgrade

- Deliver final PACS Upgrades user manuals.
- Continue to test and integrate the TCP/IP code at all sites.
- Integrate and test the Global Area Coverage (GAC) Portal enhancements and the Disk Failover.
- Distribute all of the upgraded SOMS workstations to Operations.
- Complete the Unbind disks and Encryptor tasks.

Polar Ground System (PGS)

- Award contract for upgrades and technology refresh to the PGS.

Jason-2

- Continue resolving POAMs

Polar Frame Sync Replacement

- Complete first article testing at Wallops, VA.
- Award contract for production of the frame syncs.
- Final TRR for management approval

MLSBR

- Award contract to replace aging 13m antenna bit syncs.



Risks, Issues, and Innovations

PACS Upgrade

- SOMS Alpha servers are at end-of-life support by HP Corp.
- VMS-8.3 Re-hosting issues on the SOMS servers.
- Refurbished hardware failures.



Planned & Actual Expenditures (FY10)

| Milestone | FY10 Q3 Cum Planned Cost (\$K) | FY10 Q3 Cum Actual Cost (\$K) | Variance (\$K) |
|-----------------------------|--------------------------------|-------------------------------|----------------|
| Antennas & RF | \$3,893K | \$3,688K | + \$205K |
| T&C Instrument Support | \$1,670K | \$1,625K | + \$45K |
| PG&D & Special Tech Support | \$1,652K | \$1,572K | + \$80K |
| Communications | \$375K | \$500K | - \$125K |
| Systems Engineering | \$3,122K | \$2,931K | + \$191K |
| IT Refresh | \$1,117K | \$1,215K | - \$98K |



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track