

NOAA/NESDIS/OSD/GSD POES Ground System FY09 2nd Quarter notes

- POES Ground System FY09 Second Quarter Operational Analysis (OA) data is based on a summary of the POES Ground System monthly briefings covering activities in January, February, and March 2009.
- The PACS Upgrade task's budgeted cost and actual expenditures are the sums of Budgeted Cost of Work Performed (BCWP = EV) and actual costs of work performed (ACWP = Actuals) for CLINS 2001 and 3001 provided in the contractor's earned value report for March 2009. Cost Variance = EV – Actuals.



Line Office NOAA NESDIS POES Ground System

OA Q2 FY09 Quarterly Report - April 21, 2009



Current Qtr Customer Business & Strategic Results

Polar Acquisition Control System (PACS) IT upgrade

- Support of 02/06/09 launch of POES N' satellite and NASA handover to NOAA
- Disk Failover testing of SOCC local Telemetry and Command Subsystem (TCS)
- Low Earth Orbiting Terminal (LEO-T) continuing 13m antenna upgrade at CDAS
- Completed testing Red Hat security patch server at NSOF.
- **Multi-mission receiver (MMR)** replace Microdyne L&S band receivers for 13m antennas – Installed and on-site acceptance testing on first antenna at WCDA.
- **Intelligent Multiplexor (IMUX)**. Replaced current 13m antenna IMUX digital data recorders. Distributed documentation and source code. Task completed in Q1. CCR closed out. Planning for follow-on enhancements.
- **Jason-2**. Installed NIST high security controls & resolving POAMs.



Next Qtr Customer Business & Strategic Results

- PACS Upgrade
 - Finalize LEO-T HW/SW operations and Maintenance manuals
 - Test large encrypted command loads using the SOCC Integrity TCS and Wallops Communication Controller (CC) with test and training simulator
 - Test new encryptors and install CCs at Wallops and Fairbanks CDAS.
- MMR
 - Install and acceptance test on second and third antennas at Wallops in April
 - Install on 3 antennas at Fairbanks in May/June
- Jason-2. Continue resolving POAMs



Risks, Issues, and Innovations

PACS HW/SW upgrade

- Contract mod for additional security task & upgrade security status
- OS upgrades may adversely impact PACS and LEO-T, regression testing required
- PACS upgrade schedule slips due to antenna maintenance and N' launch
- TTS CEM failure delaying CC implementation at CDAs.
- MMR - Backward compatibility of the replacement unit.
- The Congressional Continuing Resolution (CR) caused postponement of POES-GS FY09 second quarter planned expenditures with possible impact on meeting schedules.



Planned & Actual Expenditures (FY09)

Note: IMUX task completed in FY09 Q1

Milestone	Cum. Budgeted Cost (EV = BCWP) FY09 Q2	Cum. Actual Cost (ACWP) FY09 Q2	Cost Variance = EV - Actuals FY09 Q2
PACS Upgrade - CLINS 2001 & 3001	\$2,325.6K	\$2,180.9K	\$144.7K



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track