

NOAA NESDIS OSD GSD POES Ground System (POES-GS)

OA Q2 FY11 Quarterly Report - April 26, 2011

G Current Qtr Customer Business & Strategic Results

Polar Ground System (PGS) Upgrade

- Continued making modifications and test for software release Drop 1
- Installed Drop 1 on March 7th
- Held Technical Interface meetings and bi-weekly status meetings

Multi-mission L&S Band Receivers (MLSBR) Follow-on

- Completed the Factory Acceptance Test (FAT)
- Prepared for integration at Wallops
- Started integration and testing on the 14.2m Antenna
- Nearing completion of 14.2 meter command uplink modification

Jason -3 Ground System

- Awarded Contract for Ground System Implementation
- Completed Concept of Operations (CONOPS)
- Completed Integrated Baseline Review (IBR)
- Completed System Requirements Review (SRR)
- Held Four Partner (NOAA, NASA (including JPL), CNES, and EUMETSAT) System Synthesis Review

Polar Frame Sync Replacement

- Integrated, tested, and operational at SOCC and Wallops

G Next Qtr Customer Business & Strategic Results

Polar Ground System (PGS)

- Contractor to review and present design options for the TCP/IP tasks.
- Integrate and test the Global Area Coverage (GAC) Portal enhancements and the Disk Failover
- Prepare for Drop 2

Jason-3 Ground System

- Complete Preliminary Design Review (PDR)
- Complete Critical Design Review (CDR)

MLSBR Follow-on

- Complete integration and acceptance testing at Wallops
- Site integration and acceptance testing in Fairbanks, date to be determined.

Frame Sync

- Test and Integrate at Fairbanks, date to be determined.

G Risks, Issues, and Innovations

Schedule Risk

Current Fairbanks facility move is impacting the frame sync and bit sync implementation schedule.

Issues

- Design issues have caused a delay in the implementation of the TCP/IP task which needs to be accomplished in order to upgrade the workstations to Windows 7.
- Red Hat Satellite server is not working due to configuration issues.

G Planned & Actual Expenditures (FY11) \$K

| Milestone | Type | FY11 Q2 Cum. Plan Cost | FY11 Q2 Cum. Actual Cost | Variance |
|---------------------------------|------|------------------------|--------------------------|-------------|
| Antennas & RF | SS | 1,638 | 1,611 | 26 |
| T&C/Instrument /PG&D | SS | 1,501 | 1,423 | 78 |
| Special Projects – Tech | DME | 3,252 | 3,434 | (-182) |
| Comm. and Infrastructure | SS | 425 | 418 | 7 |
| Sys. Eng., IT Refresh, Security | DME | 2,021 | 1,892 | 129 |
| GSD POES-GS FTEs | DME | 539 | 543 | (-4) |
| TOTAL | | \$9,375 | \$9,321 | \$54 |

R Red = Management attention required

Y Yellow = Potential management action required

G Green = Necessary and on-track

NOAA/NESDIS/OSD/GSD POES Ground System FY11 2nd Quarter Notes

- POES Ground System FY11 First Quarter Operational Analysis (OA) data is based on a summary of the POES Ground System monthly GSD briefings covering activities in January, February, and March 2011.
- POES-GS financial data is also found in the current POES-GS OMB BY12 Exhibit 300 and OMB IT Dashboard.