



NOAA NESDIS OSD GSD - GOES Ground System OA Q1 FY11 Quarterly Report – January 26, 2011



Current Qtr Customer Business & Strategic Results

- Installed the Sensor Processing System (SPS) on racks at Wallops, the Wallops Back-Up site (WBU), and Fairbanks. Integration Level Test (ILT) and regression testing is proceeding.
- Continued supported of the NASA led GOES NOP “Stray Light” study for the Imager instrument, including possible SPS modifications
- GOES Backup System (GBS) tested and contract expired. Transition of GBS to operations is in process with support from OSPO personnel.
- Common Analyst Work-Station (CAWS) Rehost completed PDR, presented alternatives for rehosting RPM common areas, and received development thin client hardware.
- MDL (Multi-Use Data Link) Receive System and Server (MRS&S) received Netra server from Oracle, reviewing system test plans and procedures, received loan of MRS&S and DID test units from GSD, tested Mykotronx spares, planning for CDR in February.



Next Qtr Customer Business & Strategic Results

- Install and test SPS racks at NSOF and review updated documentation.
- Complete GBS transition to operations.
- Continue support the NASA led GOES NOP “Stray Light” study for the Imager instrument, including possible SPS modifications
- Support the GOES re-Certification and Accreditation (C&A) activities
- Receipt and acceptance testing of the MRS&S Enterprise Netra servers refresh hardware currently on order.
- MRS&S CDR scheduled for February 2011.
- CAWS CDR scheduled for January 2011.



Risks, Issues, and Innovations

- A reduction in staffing at the Acquisitions and Grants Office (AGO) is likely to result in significant contract (and project) delays
- Impacts of the GOES C&A activities on the IPES Contractor and GBS and SPS Migration work schedules. Contract extended six months to mitigate schedule risk.
- Delayed delivery of HP hardware impacting SPS rehost schedule.
- Approval of purchase of MRS&S servers slowed due to CR.



Planned & Actual Expenditures (FY11)

Milestone	FY11 Q1 Cum. Planned Cost	FY11 Q1 Cum. Actual Cost	Variance
Antennas & RF	\$85K	\$95K	- \$10
T&C/Instruments	\$666K	\$645K	+\$21
PG&D & Special Tech Support	\$1,319K	\$1,350K	- \$31
Comm., Fac., & Infrastructure	\$350K	\$295K	+ \$55
Systems Engineering	\$2,100K	\$2,080	+ \$20
IT Refresh, Security & Gov. FTEs	\$1,355K	\$1,385K	- \$30



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track

NOAA/NESDIS/OSD/GSD GOES Ground System FY11 first quarter notes

- The GOES “Instrument Processing Engineering Support (IPES)” contract supplies instrument and spacecraft navigation software development support services.
- The GOES Backup System (GBS – formerly the EBS) provides backup system services to the entire GOES ground system. Its design is based upon the already delivered “Pilot EBS”. GBS is a task under the IPES contract. Final testing and transition to operations will be completed in FY11.
- The SSGS Refreshed System (SRS) is a planned upgrade of the current GOES SSGS ground system. Many SSGS system elements date back as far as 2003. OSD/GSD is working toward an SRS contract award as tasks under the IPES contract. The first task is the MRS&S refresh task was awarded under the IPES contract in FY10 fourth quarter. The work will be done in multiple phases over the next 2 fiscal years.
- Expenditure categories were modified to more closely align with the GOES Exhibit 300 milestone table changes in the Budget Change Request (BCR) currently in process .