



Line Office NESDIS OSD GSD - GOES Ground System OA Q2 FY10 Quarterly Report – April 26, 2010



Current Qtr Customer Business & Strategic Results

- Briefed NESDIS CIO Zach Goldstein on the proposed SSGS IT Refresh project.
- Briefed the NESDIS OCIO Enterprise Architect Curtis Roberts on the GOES Enterprise Managed Systems (GEMS) architecture and life cycle benefits
- Held the Sensor Processing System (SPS Upgrade “Phase I” demonstration for Imager modifications
- Supported GOES-15 Launch in March 2010 and Post Launch Testing
- Supported the NASA led GOES NOP “Stray Light” study for the Imager instrument, including possible SPS modifications



Next Qtr Customer Business & Strategic Results

- Support the GOES-15 Post Launch Test (PLT) activities.
- Complete Phase I of the SPS Upgrade development
- Complete the initial installation of the GOES Backup System
- Support the NASA led GOES NOP “Stray Light” study for the Imager instrument, including possible SPS modifications
- Award the MRS&S upgrade work assignment on the IPES III contract
- Award the Common Analyst Work-Station (CAWS) Phase I upgrade work assignment on the IPES III contract
- Support activities for making GOES-13 the official GOES-EAST satellite
- Complete GOES Backup System (GBS) load testing, and ordered upgrade hardware to support transition to operations



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
- Operational “freezes” associated with the launch of GOES-15 forced delays in GOES Backup System (GBS) testing and deployment
- Environmental (Radio Frequency) interference in the NSOF computer room have slowed transition of the original GEMS rack to full operations



Planned & Actual Expenditures (FY10)

Milestone	FY10 Q2 Cum. Planned Cost	FY10 Q2 Cum. Actual Cost	Variance
Antennas & RF	\$422K	\$420K	\$2K
T&C/Instruments	\$874K	\$853K	\$21K
PG&D & Special Tech Support	\$2,093K	\$2,060K	\$33K
Comm., Fac., & Infrastructure	\$2,065K	\$2,100K	-\$35K
Systems Engineering	\$3,560K	\$3,540K	\$20K
IT Refresh	\$804K	\$780K	\$24K



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track

NOAA/NESDIS/OSD/GSD GOES Ground System FY10 second quarter notes

- The GOES “Instrument Processing Engineering Support (IPES)” contract supplies instrument and spacecraft navigation software development support services. The replacement “IPES III” contract was awarded to Nortel Government Solutions (now Avaya Government Solutions) in August 2009.
- The GOES Backup System (GBS – formerly the EBS) will provide backup system services to the entire GOES ground system. Its design will be based upon the already delivered “Pilot EBS”. OSD awarded a work assignment under the IPES contract for the GBS.
- 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 would be an MRS&S refresh task which would be awarded during the third quarter of 2010. The work will be done in multiple phases over the next 2 fiscal years.
- Expenditure categories for FY10 Second quarter were modified to more closely align with the recently approved GOES Budget Change Request (BCR) categories in the Exhibit 300 baseline table.