

NOAA/NESDIS/OSD/GSD GOES Ground System FY09 first quarter notes

- GOES Ground System FY09 First Quarter (OA) Operational Analysis data is based on a summary of the GOES Ground System monthly briefings covering activities in October, November, and December 2008.
- The GOES Enterprise Managed Systems (GEMS) task applies a consolidated enterprise approach to a portion of the Operational Ground Equipment (OGE). It is the first step in a larger planned approach that will eventually encompass all GOES GS steady state systems.
- The delay in the GOES launch date to April 2009 will allow time for GEMS Integration Level Testing (ILT) to be completed before the launch freeze is imposed on the GOES-GS system.



Line Office NESDIS OSD GSD - GOES Ground System OA Q1 FY09 Quarterly Report – January 27, 2009



Current Qtr Customer Business & Strategic Results

- Extended Sensor Processing System (ESPS) Phase II Completed
 - SPS Integration Level Testing (ILT) completed in October 2008
 - RPM landmarking upgrades completed.
 - MSPS visible normalization upgrades completed but not yet deployed.
- GIFTS Technology Transfer
 - RPM software on blade servers ported to Solaris 10 based Opteron servers.
- Spacecraft Support Ground System (SSGS) refresh planning.
- GOES Enterprise Managed Systems (GEMS) is a follow-on and enterprise-wide expansion of the FY08 GIFTS technology transfer effort.



Next Qtr Customer Business & Strategic Results

- Enterprise Backup System (EBS) planning meetings with OSO.
- GEMS Pre-Ship Test (PST) at Nortel in January followed by SOCC delivery, and SOCC and Wallops Integration Level Testing (ILT).
- HP Blade and SAN – vendor training of NESDIS OSO managers and staff.
- Completion of GOES-O pre-launch testing activities.



Risks, Issues, and Innovations

- ESPS – significant progress migrating to the Solaris 10 based Opteron host. Use of Solaris 10 improves system security.
- Delay of GOES-O launch date - moved to April 2009
- Working with DOC contracting office to add funding to existing NORTEL contract to complete existing work (GEMS and GOES-O pre-launch tasks) through April 2009.
- Continuing Resolution (CR) restrictions caused postponement of GOES-GS FY09 first quarter planned expenditures.



Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost 1 st Qtr FY09	Cumulative Actual Cost 1 st Qtr FY09	Variance
GOES GS SPS Rehost/Upgrade	\$ 85K	\$ 0K	(+85K)
Note: The Continuing Resolution (CR) from Congress restricted and postponed planned spending.	Cumulative planned cost FY09 through FY13 is \$2.3M		



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track