

# NOAA NESDIS OSD GSD GOES-Ground System (GOES-GS)

## OA Q2 FY11 Quarterly Report - April 26, 2011

### **G** Current QTR Customer Business & Strategic Results

- GOES-GS Working Group meets monthly to coordinate GSD and OSPO schedule and activities on GOES-GS Systems. In January 2011 the agenda included an HSPD-12 implementation requirements briefing presented by GSD ISSO.
- Multi-Use Data Link (MDL) Receive System and Server (MRS&S) IT refresh task held a Security Test Planning TIM in March 2011. MRS&S Critical Design Review (CDR) was completed in February 2011.
- GOES-GS Enterprise Managed System (GEMS ) Common Analyst Work-station (CAWS ) acquired latest GFE version of the software. CAWS CDR was completed in February 2011
- GEMS Sensor Processing System (SPS) contractor delivered a maintenance release in March that is being used to investigate a calibration statistics issue. SPS calibration test plan was completed in February 2011.
- GEMS contractor delivered 3 GEMS manuals to the NSOF Document Control Office.
- GOES-GS Backup was transitioned to OSPO operational status following OSPO evaluation.

### **G** Next Qtr Customer Business & Strategic Results

- GEMS SPS re-host -
  - Provide maintenance support to aid resolution of calibration statistics issue
  - Review and update SPS User's Manual and SPS Maintenance Manuals.
- CAWS re-host to Opteron servers & Thin Clients
  - Conduct regression and performance tests on the development blade server
  - Phase II/III demo
  - Develop approach to satisfy HSPD-12 mandate for workstations
  - Perform/conduct CAWS pre-shipment test (PST)
- MRS&S IT Refresh
  - Build and test software on Sun Netra T5220 server
  - Receive NOAA Link ordered Netra Servers (GFE)
  - Conduct MRS&S Pre-Shipment Test (PST)
  - Support GOES-GS IT security re-Certification and Accreditation (C&A)

### **Y** Risks, Issues, and Innovations

#### Risks:

• The Continuing Resolution, potential government shutdown, and contracting delays may impact the delivery, installation, and testing schedule for GOES-GS IT refresh projects.

• Risk Register data moved from SharePoint file to new OCIO standard risk template format. Some indices (risk IDs) were changed due to software formatting differences.

#### Issues

• Budgetary constraints combined with rising hardware costs are forcing a postponement of planned upgrade activities.

• HSPD-12 requirements for workstations released after Common Analyst Workstation (CAWS) task awarded

• Funding for implementation of Stray Light correction algorithm in the GOES Ground System delayed until 2012 due to loss of FY '11 funding

### **G** Planned & Actual Expenditures (FY11) \$K

Milestone (incl. 03/11 BCR)	Type	FY11 Q2 Cum. Plan Cost	FY11 Q2 Cum. Actual Cost	Variance
Antennas	SS	25	25	0
T&C/Instrument /PG&D	SS	2,406	2,374	32
Special Projects – Tech	SS	1,565	1,471	94
Comm., Infrastructure, and Sys. Eng.	SS	4,900	4,774	126
RF, IT Refresh, IT Security	DME	2,218	2,239	(-21)
GSD GOES-GS FTEs	DME	577	577	0
<b>TOTAL</b>		<b>\$11,691</b>	<b>\$11,460</b>	<b>\$231</b>

**R** Red = Management attention required

**Y** Yellow = Potential management action required

**G** Green = Necessary and on-track

# NOAA/NESDIS/OSD/GSD GOES Ground System (GOES-GS)

## FY11 Second Quarter (Q2) 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.
- Cumulative planned vs. actual FY11 Expenditures through March 2011. Milestones and expenditures align with the FY 2011 milestones in the GOES-GS Exhibit 300, including the Baseline Change Request (BCR) approved by DOC OCIO in March 2011.