

NOAA/NESDIS/OSD/GSD GOES Ground System FY08 third quarter notes

- GOES Ground System FY08 Third Quarter (OA) Operational Analysis data is based on a summary of the GOES Ground System monthly briefings covering activities in April, May, and June 2008.
- The Next Qtr Customer Business & Strategic Results realized from OA2Q, including the completion of the Security Enhancements (SE) and the forming of the SSGS refresh planning team. Upgrades to GOES instrument calibration & navigation complete.
- Risk and analysis remain constant; however, there is an addition of the delay in the GOES launch date from November to December 2008.



Line Office NESDIS OSD GSD - GOES Ground System OA Q3 FY08 Quarterly Report – July 23, 2008



Current Qtr Customer Business & Strategic Results

- Extended Sensor Processing System (ESPS) Phase II
 - Completed DB servers Oracle migration to MySQL
 - Completed RPM & DB servers migration to Solaris 10
 - Completed RPM landmarking upgrades for GOES-13
- GOES instrument calibration & navigation – Completed Pre-Shipment Testing (PST) of landmarking enhancement upgrades and visible calibration upgraded.
- GIFTS Technology Transfer
 - Phase II development TIM held in May 2008
 - Hardware ordered to complete SOCC systems
- Spacecraft Support Ground System (SSGS) for GOES NOP
 - Security Enhancements (SE) completed.
 - SSGS refresh planning team formed.



Next Qtr Customer Business & Strategic Results

- ESPS
 - PST of SPS software on Solaris 10
 - Complete RPM system upgrades including Opteron migration and PST for the RPM Solaris 10 port on an Opteron server
 - MSPS migration to Solaris 10
- GOES Instrument Processing – migrate merged versions of completed upgrades to operations (OSO)
- GIFTS Technology Transfer – Phase III development TIM and initial in-plant demonstration in July 2008. GEMS in-plant testing in September 2008. Plan operations training.
- SRAS user training and certification activities.
- SSGS - planning team will write draft “Roadmap” Project Plan.



Risks, Issues, and Innovations

- ESPS – significant progress migrating to the Solaris 10 based Opteron host. Use of Solaris 10 improves system security.
- ESPS needs ARB review & approval
- Delay of GOES-O launch date - moved from November 2008 to December 2008
- Decision for GIFTS ground system to focus on RPM migration during FY08 and defer SPS migration until FY09



Planned & Actual Expenditures (FY08)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost	Variance
GOES GS ESPS Phase II	\$3.130M	\$3.178M	(-48K)
Source: EVM chart GOES GS July briefing pages 14 & 15			



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track