

NOAA/NESDIS/OSD/GSD GOES Ground System FY08 2nd Quarter notes

- GOES Ground System FY08 Second Quarter (OA) Operational Analysis (FY08Q2 period of January 28 to April 25, 2008) data is based on a summary of the GOES Ground System monthly briefings covering activities in January, February, and March 2008.



Line Office NESDIS OSD GSD - GOES Ground System OA Q2 FY08 Quarterly Report - April 23, 2008



Current Qtr Customer Business & Strategic Results

- XGOHI Extended Sensor Processing System (ESPS)
 - Installed DB upgrades and DB servers and began SPS regression test
- GOES instrument calibration & navigation – RPM landmarking upgrades installed in March and began regression testing
- GIFTS Technology Transfer
 - Planning Phase II development TIM
 - Held Enterprise backup TIMs
- SRAS completed HP blade server installation at SOCC
- Spacecraft Support Ground System (SSGS) for GOES NOP
 - Received remaining SSGS documentation from NASA
- SSGS Security Enhancements (SE) installed DB upgrades



Next Qtr Customer Business & Strategic Results

- XGOHI ESPS RPM Server – software migration to Solaris 10 and AMD Opteron – integration and testing
- ESPS Phase II porting of ESPS software to Opteron based hosts - migration to be completed May 2008
- XGOHI ESPS – continue work on RPM server (Opteron/Solaris 10) prototype to test and resolve technical issues
- GOES Instrument Processing – calibration upgrade, regression testing of landmarking upgrades, and migrate merged versions to operations (OSO)
- GIFTS Technology Transfer – Phase II TIM April 2008 and continue migrating and testing RPM software on blade units
- SSGS security system enhancements to be complete 05/01/08



Risks, Issues, and Innovations

- ESPS – significant progress migrating RPM server software to the Solaris 10 based Opteron host
- ESPS needs ARB review & approval
- GOES-O launch date moved from July/August 2008 to November 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	\$2.9M	\$2.9M	N.A.



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track