

NOAA/NESDIS/OSD/GSD GOES Ground System FY08 1st Quarter notes

- GOES Ground System FY08 First Quarter (OA) Operational Analysis (FY08Q1 period of Oct 29, 2007 to Jan 27, 2008) data is based on a summary of the GOES Ground System monthly briefings covering activities in October, November, and December 2007.



Line Office NESDIS OSD GSD - GOES Ground System OA Q1 FY08 Quarterly Report – January 27, 2008



Current Qtr Customer Business & Strategic Results

- XGOHI Extended Sensor Processing System (ESPS)
 - Wallops Backup Unit (WBU) initial upgrade
 - Porting to Solaris 10
- GOES instrument calibration & navigation – delivered ESPS version 7.1 and RPM version 5.1
- GIFTS Technology Transfer
 - Ordered PCI blade slots to support PCI cards
 - Tested VMWare connectivity to server
- SRAS replace hardware with HP blade server
- Spacecraft Support Ground System (SSGS) for GOES NOP
 - SSGS handover Oct 23, 2007
- SSGS Security Enhancements (SE) preparation to pass C&A - testing proposed enhancements



Next Qtr Customer Business & Strategic Results

- XGOHI ESPS technical meeting on the MySQL tools needed for database migration to MySQL
- XGOHI ESPS – continue work on RPM and GSU
- GOES Instrument Processing – RPM landmarking March 2008 and testing ESPS and RPM
- Database server upgrade
- GIFTS Technology Transfer – begin migration of RPM & ESPS software to blade units
- SRAS rack to be moved to SOCC
- SSGS documentation to be delivered
- SSGS security system enhancements complete, COTS patches installed, and system hardened



Risks, Issues, and Innovations

- ESPS - Possible problems migrating database from Oracle to MySQL and software migration to Solaris 10.
- ESPS needs ARB review & approval
- Instrument calibration assumes GOES-O launch July/August 2008



Planned & Actual Expenditures (FY08)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost	Variance
GOES GS ESPS Phase II	\$2,626K	\$2,626K	N.A.



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track