

# NOAA/NESDIS/OSD/GSD POES Ground System FY09 1st Quarter notes

- POES Ground System FY09 First Quarter (OA) Operational Analysis data is based on a summary of the POES Ground System monthly briefings covering activities in October, November, and December 2008.
- The PACS Upgrade task's planned and actual expenditures are the sums of planned value (PV) and actual costs (AC) for CLINS 2001, 3001, and 6001 provided in the contractor's earned value report for December 2008..



# Line Office NOAA NESDIS POES Ground System OA Q1 FY09 Quarterly Report - January 27, 2009



## Current Qtr Customer Business & Strategic Results

- Polar Acquisition Control System (PACS) HW/SW upgrade:
  - Operational & Backup Integrity TCS tested & integrated into operations at Wallops, Fairbanks, & SOCC.
  - Extensive Nascom testing in preparation for Feb 4<sup>th</sup> launch of POES N' satellite
- Multi-mission receiver (MMR) drop-in replacement for 13 meter antennas: Pre-installation activities at FCDA & WCDA.
- Intelligent Multiplexor (IMUX) Replaced current 13 meter antenna IMUX digital data recorders due to equipment failure and maintenance/repair issues. Task completed. IMUX units replaced in 4<sup>th</sup> qtr FY08. Final O&M manual, drawings, source code, and spare parts were delivered in FY09Q1.
- Jason-2 routine handover from CNES to NOAA on 10/29/08.



## Next Qtr Customer Business & Strategic Results

- PACS Upgrade
  - Review PACS upgrade documentation and LEO-T HW/SW operations and Maintenance manuals
  - Deliver and install Red Hat security patch server.
  - Install and test Communication Controller (CC) at Wallops and Fairbanks after launch.
- MMR
  - Install on 3 antennas at Wallops in March/April
  - Install on 3 antennas at Fairbanks in May/June



## Risks, Issues, and Innovations

- PACS HW/SW upgrade hardware procurement and implementation delayed by funding restrictions due to Continuing Resolution, launch testing priorities, and shortage of people available for PACS installation & testing.
- PACS upgrade – schedule slips
- MMR - Backward compatibility of the replacement unit.
- The Congressional Continuing Resolution (CR) caused postponement of POES-GS FY09 first quarter planned expenditures with possible impact on meeting schedules.



## Planned & Actual Expenditures (FY09)

Milestone	Cum. Planned Cost FY09 Q1	Cum. Actual Cost FY09 Q1	Variance FY09 Q1
IMUX Replacement	\$1,140K	\$1,123K	\$ 17K
PACS Upgrade	\$2,214K	\$2,017K	\$197K



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track