

# NOAA/NESDIS/OSD/GSD POES Ground System FY10 2nd Quarter notes

- POES Ground System FY10 Second Quarter Operational Analysis (OA) data is based on a summary of the POES Ground System monthly briefings covering activities in January, February, and March 2010.



# Line Office NOAA NESDIS POES Ground System

## OA Q2 FY10 Quarterly Report - April, 2010

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

#### **Polar Acquisition Control System (PACS) Upgrade**

- Completed firmware update at all three sites, Satellite Operations Control Center (SOCC), Wallops Command and Data Acquisition Station (WCDAS), and Fairbanks Command and Data Acquisition Station (FCDAS).
- Continue to work on the baseline Software on the development and operational systems.
- Moved the TCS in the SOCC computer room to the final configuration location.
- Completed integration testing of the server synchronization and analysis script task on the Satellite Operations Management Subsystem (SOMS).
- Submitted Hardware and Software Maintenance Manuals for final approval.
- Supported resolution of the problems discovered during the Penetration Testing.

#### **Multi-mission L&S Band Receiver (MLSBR)**

- Installed and completed on-site acceptance testing on antenna A & B at Fairbanks CDAS.

#### **Jason-2.**

- Continued to resolve POAMs.

#### **Polar Frame Sync Replacement**

- Completed the design review, testing, and evaluation of the frame sync prototype.

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

#### **PACS Upgrade**

- Complete baseline Software on the operational Communication and Controller subsystem (CC) and Telemetry and Command Subsystem (TCS).
- Deliver final Low Earth Terminal (LEO-T) HW/SW Operations and Maintenance manuals.
- Deliver Final PACS Upgrades user manuals.
- Complete and sign-off problem reports resulting from the Global Rebuild.
- Complete the on-site acceptance testing of SOMS clean-up code changes and merge the change into the operational SOMS code.
- Continue to work on TCP/IP, Global Area Coverage (GAC) Portal enhancements.

#### **MLSBR**

- Install firmware upgrade for auto bitrates and run acceptance test at Fairbanks in April, 2010

#### **Jason-2**

- Continue resolving POAMs

#### **Polar Frame Sync Replacement**

- Complete Development and preparation for Test Readiness Review

### **G** Risks, Issues, and Innovations

#### **PACS Upgrade**

- SOMS Alpha servers are at end-of-life support by HP.
- VMS-8.3 Re-hosting issues on the SOMS servers.

#### **MLSBR**

- Backward compatibility of the replacement unit.

### **G** Planned & Actual Expenditures (FY10)

Milestone	FY10 Q2 Cum Planned Cost	FY10 Q2 Cum. Actual Cost	Variance
Antennas & RF	2595	2560	35
T&C/Instruments	1114	1083	31
PG&D & Special Tech Support	1102	1120	-18
Communications	250	200	50
Systems Engineering	2082	2043	39
IT Refresh	745	765	-20

**R** Red = Management attention required

**Y** Yellow = Potential management action required

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