

NOAA/NESDIS/OSO/SOCC-CDA FY09 2nd Quarter notes

- OSO SOCC-CDA FY09 Second Quarter Operational Analysis (OA) data is based on a summary of the SOCC-CDA monthly briefings covering activities in January, February, and March 2009.



Line Office NESDIS OSO SOCC-CDA

OA Q2 FY09 Quarterly Report – April 21, 2009



Current Qtr Customer Business & Strategic Results

•Major events

- POES N' launched on February 6, 2009 and NASA handover to NOAA OSO on February 26, 2009.
- In response to a USGS request for an early start date due to Mt. Redoubt volcano activity, the Landsat-5 Alaska summer imaging campaign began on March 19th with two supports per day.
- GOES simultaneous fail-over testing of both GOES-11 and GOES-12 to their respective backup sites was successful.
- Successful transition to Jason-2 high security strings in March.

•Performance Thresholds this quarter

- GOES data quality/timeliness 99.73%, total data recovered 99.96%, infrared performance 99.17%
- DCS transmission rate 100%
- POES total data recovered 99.95%, timeliness 99.17%



Next Qtr Customer Business & Strategic Results

- GOES 13 bi-annual thruster tests scheduled for April.
- GOES-13 comparison imaging with GOES-11 and GOES 12 scheduled for April 2009
- GOES-13 to return to storage mode on April 16th.
- GOES-O Ground System Readiness Tests to be conducted in April 2009
- GOES-O launch on a Delta IV from Florida scheduled for no earlier than (NET) May 12, 2009.
- EMOSS III Contract Award date is scheduled for June 2009.



Risks, Issues, and Innovations

- Wallops operations building new fire suppression system. installation and testing completed on March 27, 2009 and system placed in operation. Discrepancies identified to be fixed by contractor by early May.
- GOES-12 oxidizer leak through thrusters. NASA confirmed that there is no catastrophic spacecraft health and safety risk to maintaining status quo of monitoring leaks as they occur. Thruster unloads to be performed as necessary.
- GOES-10 filter wheel problem suspended sounder operations. Additional corrective actions being planned.
- GOES-13 XRS Instrument Data Inversion anomaly is being investigated. Comparison imaging is planned for April.
- FCDAS Malibu 5m antenna bearing failure. Antenna operating as backup to COSMIC. Corrective action is to purchase and install spare and to repair failed unit.



Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost	Variance
OSO ORF as of 03/31/09	\$22,638K	\$21,991K	(+\$647K)
Source: OSO ORF Activities chart, March 2009			



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track