

NOAA/NESDIS/OSPO/SOCC-CDA FY11 1st Quarter notes

- OSPO SOCC-CDA FY11 First Quarter Operational Analysis (OA) data is based on a summary of the OSPO monthly briefings covering activities in October, November, and December 2010.



NOAA NESDIS OSPO SOCC-CDA

OA Q1 FY11 Quarterly Report – January 26, 2010



Current Qtr Customer Business & Strategic

Results

• Major events

- POES antennas at Wallops not hurricane rated (HR) were stowed during severe weather alerts . GOES HR antennas were not stowed. Backup sites were ready. Satellite passes adjusted as needed.
- Fairbanks Satellite Operations Facility (FSOF) Office furniture installed.
- FCDAS – fiber optic link between 13M-3 antenna and FSOF operations resolved . NASA mission certification tests completed.
- WCDAS Power reduction project implemented in November. Estimated annual savings \$20K. On-site crews were sheltered-in-place during December blizzard. All operations performed nominally.
- OSPO supporting JPSS operations & ground system requirements team.
- GOES DCS DOMSAT satellite service moved to new transponder.

• Performance Thresholds this quarter

- GOES data quality/timeliness 99%, total data recovered 99.9%, infrared (INR) performance 99%. DCS transmission rate 100%.
- POES total data recovered 99.9%, timeliness 99%



Next Qtr Customer Business & Strategic

Results

- FCDAS - completion of move to new building
 - Air handlers fan wall assembly to be rebalanced and tuned in January.
 - Day staff to move into the new building in February 2011.
 - Final installation of storage shelving system in February 2011.
 - USACE working with building contractor to resolve issues with equipment room humidity and frost build-up on building exterior.
 - Continue FCDAS O&M contract source selection activities.
- WCDAS to complete plans for electrical power upgrade and renovations project design to bring Facilities Maintenance Building (FMB) up to code.
- SOCC-CDA to follow-up on signed Memo of Agreement (MOA) with Air Force
- OSPO continued support to the NPP Operations Transition Plan including participation in the independent audit to be conducted by NASA in January



Risks, Issues, and Innovations

- GOES-13 Radio Frequency Interference from unknown source impacted quality of data from antenna #2. RF systems engineering contractor to set up equipment to measure interference and identify source.
- WCDAS Electrical upgrades project design delays due to possible intrusion in restricted air space. Full impact expected to be minimal. Resolution meeting to be held in January 2011 to discuss alternatives.
- WCDAS GOES Downconverters replacements installed on GOES antennas at Wallops. One proposed mitigation to performance problem is a modification to filtering. Product will be evaluated and retested.
- Impact of the Continuing Resolution (CR), the OSPO (SOCC/CDA and ESPC) expected shortfall for FY11 is \$3.6M. Detailed impact analysis and priority ranking being undertaken in order to mitigate risk. Expected impacts of CR include ability to respond to satellite and Ground System anomalies, and ability to maintain system accreditation and implement new security controls (to meet POA&Ms).



Planned & Actual Expenditures (FY11)

Milestone	FY11 Q1 Cumulative Planned Cost	FY11 Q1 Cumulative Actual Cost (est.)	Variance
SOCC-CDA Exhibit 300 Summary of Spending Table <u>not including Gov. FTE costs</u>	\$4,935K	\$4,899K	+\$36K
TOTAL OSO ORF planned and actual costs including Gov. FTEs.	\$10,656K	\$10,700K	-\$44K



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track