NOAA/NESDIS/OSO/SOCC-CDA FY10 2nd Quarter notes

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

Line Office NESDIS OSO SOCC-CDA
OA Q2 FY10 Quarterly Report – April 26, 2010

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Current Qtr Customer Business & Strategic Results

•Major events

•. GOES-P. GOES-P successfully launched March 4, 2010 from Cape Canaveral, Florida.
•GOES-13 activation activities completed.
•SOCC and WCDAS providing ongoing support to GOES-R Antenna acquisition.
•WCDAS progressing on facility upgrades to support GOES-R.
•Fairbanks Satellite Operations Facility (FSOF) building Interior construction progressing well. Elevator installed. Plumbing and electrical work proceeding on schedule.
•POES (NOAA5026) C&A granted.
•DCS (NOAA5004) C&A granted.

•Performance Thresholds this quarter

•GOES data quality/timeliness 99.60%, total data recovered 99.97%, infrared performance 99.6%. DCS transmission rate 99.99%. POES total data recovered 99.94%, timeliness 99.74%

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Next Qtr Customer Business & Strategic Results

•GOES-13 to become the GOES East operational satellite in April 2010. Wallops Backup Unit (WBU) exercise in April 2010 will use GOES-13..
•GOES-12 to be relocated for South America coverage in May/June 2010.
•GOES-15 undergoing Post Launch Testing (PLT).
•WCDA proceeding with electrical upgrades and HVAC projects in coordination with U.S. Army Corps of Engineers (USACE) Norfolk District Office.

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Risks, Issues, and Innovations

•COSMIC. Network commanding issue investigated by Taiwan, WCDAS personnel, and the Network Operations Center. (NOC). Problem identified in the circuit between Taiwan and the NOC. WCDAS verified firewall configurations and assisted with problem resolution.
•Imager stray light in images taken during Eclipse are similar for GOES 11,12, and 13. ITT, NASA, and NOAA agree on the problem. Long term approach to sunlight contamination is to use a SPS correction algorithm. GOES-14 is expected to meet mission requirements .
•GOES-12 sounder experiencing end-of-life conditions. GOES-12 to be relocated for South America coverage . Soundings are not a priority for South American users.
•NOAA-17 Intermittent gaps in recorded and real-time data from the spacecraft were identified, problem was analyzed, and correction was implemented. AVHRR degraded scan motor performance noted in morning orbit readouts. Mitigation strategy identified and is being coordinated in technical discussions with EUMETSAT.

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Planned & Actual Expenditures (FY10)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost	Variance
SOCC-CDA Exhibit 300 Summary of Spending Table	$8,488K	$8,250K	+$238K
TOTAL OSO ORF including Gov. FTEs as of 03/31/2010	$25,081K	$23,252K	+$1,829K
Source: OSO ORF Activities chart for March 2010, dated 04/15/2010			

R Red = Management attention required

Y Yellow = Potential management action required

G Green = Necessary and on-track