

NOAA/NESDIS/OSO/SOCC-CDA FY10 3rd Quarter notes

- OSO SOCC-CDA FY10 Third Quarter Operational Analysis (OA) data is based on a summary of the OSO SOCC-CDA monthly briefings covering activities in April, May, and June 2010.



Line Office NOAA NESDIS OSO SOCC-CDA

OA Q3 FY10 Quarterly Report – July 26, 2010

G Current Qtr Customer Business & Strategic Results

- **Major events**
- FCDAS antenna upgrades testing completed in June 2010
- Fairbanks Satellite Operations Facility (FSOF) moved plan drafted. Operations and communication/IT rooms turned over to the move contractor for network infrastructure preparation.
- GOES-13 transition to GOES-EAST completed on April 26th
- GOES-12 experienced successful drift maneuver on April 27th, and began providing imaging operations for South America in May
- GOES-12 east/west maneuver successfully executed on June 14th
- GOES 14 thruster flush and axial thrusters successfully tested in June .
- GOES-11 north/south maneuver successfully performed June 22nd
- WCDAS installed 5.2 m Datron Antenna, supporting polar program
- **Performance Thresholds this quarter**
- GOES data quality/timeliness 99.17%, total data recovered 100%, infrared performance 99.89%. DCS transmission rate 99.99%. POES total data recovered 100%, timeliness 100%

G Next Qtr Customer Business & Strategic Results

- FCDAS SAC-C test supports to take place late July
- SOCC management assessment of security controls implementation scheduled for late July
- NOAA-18 Gyroless Testing in August
- GOES-15 Operations Acceptance Review in August

G Risks, Issues, and Innovations

- NOAA-19 Solar Backscatter Ultraviolet (SBUV) lamp door anomaly. Door was repaired April 7th. NASA/BALL Aerospace investigation of the root cause is ongoing.
- NOAA-18 backup Micro Inertial Measure Unit (MIMU) degradation noted in the z-axis. SOCC-CDA is working with vendor to accelerate Gyroless software activity; tests are scheduled in August.
- GOES Ingest and NOAAPORT Interface (GINI) data outage on June 17th due to an improper GOES GVAR antenna configuration. OSO/OSDPD Operations Review Board studied the incident. Internal procedures were updated, coordination with ESPC implemented, automated error detection to be implemented in July, and refresh training has begun to ensure the flow of correct data.
- WCDAS GOES Downconverters replacements installed in early May on GOES antennas at Wallops. Degraded performance noted during testing. OSO,OSD, and manufacturer are working together to resolve this issue. One proposed mitigation is a modification to filtering. Product will be evaluated and retested.

G Planned & Actual Expenditures (FY10)

Milestone	FY10 Q3 Cumulative Planned Cost	FY10 Q3 Cumulative Actual Cost	Variance
SOCC-CDA Exhibit 300 Summary of Spending Table	\$12,733K	\$12,393K	+\$340K
TOTAL OSO ORF including Gov. FTEs as of 03/31/2010	\$32,726K	\$32,105K	+\$621K
Source: OSO ORF Activities chart for June 2010, dated 07/15/2010			

R Red = Management attention required

Y Yellow = Potential management action required

G Green = Necessary and on-track