

# NOAA/NESDIS/OSO/SOCC-CDA FY10 1st Quarter notes

- OSO SOCC-CDA FY10 First Quarter Operational Analysis (OA) data is based on a summary of the OSO SOCC-CDA monthly briefings covering activities in October, November, and December 2009.



# Line Office NESDIS OSO SOCC-CDA

## OA Q1 FY10 Quarterly Report – January 28, 2010



### Current Qtr Customer Business & Strategic Results

**•Major events**

- DMSF F18 (OPS53) was launched in October . FCDAS and SOCC supported systems tests. Handed over from SPO to IPO in December.
- SOCC control room reconfigured for GOES N-P.
- WCDAS completed acceptance testing of new OSDPD Backup Facility . (OBF) 6.3meter antenna, OBF data links were transitioned from the 5m to the 6m antenna, and it is now operational.
- Fairbanks Satellite Operations Facility (FSOF) building frame, siding, roof, and concrete floors completed. Interior work began in December 2009.
- GOES.GOES-10 satellite decommissioned in December 2009. GOES-12 drift stop and North/South maneuvers were successful. GOES-14 handover of operations from NASA to NOAA occurred in December .

**•Performance Thresholds this quarter**

- GOES data quality/timeliness 99.56%, total data recovered 99.95%, infrared performance 99.03%. DCS transmission rate 100%. POES total data recovered 99.94%, timeliness 99.44%



### Next Qtr Customer Business & Strategic Results

- GOES-P Launch and Orbit Raising (LOR) activities to be completed in March 2010 and followed by Post Launch Test (PLT) activities. GOES-P launch is currently scheduled for March 1, 2010.
- GOES-13 will replace GOES-12 as the operational GOES-East satellite in April 2010. GOES-12 to be relocated for South America coverage in May 2010.
- Operational Review Board (ORB) will review results of GOES Penetration Testing at Wallops.
- POES and DCS C&A process to be completed in April 2010



### Risks, Issues, and Innovations

- GOES-14 erratic jumps in sounder calibration slopes documented , and investigation by ITT, NASA, and NOAA is in progress.
- 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 stray light leakage noted when sun-pointed. GOES-14 is expected to meet mission requirements for 7 years.
- 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 Advanced Microwave Sounder Unit-B (AMSU-B) degradation on 3 channels. Two other channels continue to operate . Situation was identified in late December and is being studied..
- DCS Advanced Data Distribution System (DADDS) contractor issued stop work notice to the Government in December. Contract issues were resolved and work restarted in early January.



### Planned & Actual Expenditures (FY10)

Milestone	Q1 Cumulative Planned Cost	Q1 Cumulative Actual Cost	Variance
SOCC-CDA Exhibit 300 Summary of Spending Table	\$4,244K	\$4,244K	0
TOTAL OSO ORF including Gov. FTEs as of 12/31/09	\$6,752K	\$6,352K	(+\$400K)
Source: OSO ORF Activities chart, December 2009			



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track