

# NOAA/NESDIS/OSO/SOCC-CDA FY09 3rd Quarter notes

- OSO SOCC-CDA FY09 Third Quarter Operational Analysis (OA) data is based on a summary of the SOCC-CDA monthly briefings covering activities in April, May, and June 2009.



# Line Office NESDIS OSO SOCC-CDA

## OA Q3 FY09 Quarterly Report – July 21, 2009



### Current Qtr Customer Business & Strategic Results

#### •Major events

- Successful launch of GOES-O on 06/27/09.
- Wallops Backup (WBU) at GSFC completed monthly maintenance failover of GOES-12 but experienced interference in April and June.
- EMOSS III contract awarded.
- Fairbanks Satellite Operations Facility (FSOF) construction contract awarded 05/15/09.
- WCDAS 8 meter antenna upgraded to support T&C for stored GOES spacecraft. GOES-13 returned to storage in April 2009.
- Successful DMSP launch rehearsal and COOP deployment in June

#### •Performance Thresholds this quarter

- GOES data quality/timeliness 99.57%, total data recovered 99.99%, infrared performance 99.24%
- DCS transmission rate 99.98%
- POES total data recovered 100%, timeliness 99.61%



### Next Qtr Customer Business & Strategic Results

- GOES-O Launch and Orbit Raising (LOR) activities to be completed in July and followed by Post Launch Test (PLT) activities.
- NASA/NOAA NESDIS MOU for WCDAS cleared by DOC's legal review team in June. Meetings to discuss proposed language changes were held in April and will resume in July.
- Demolition of 12M antenna at FCDAS in July.
- JAXA to visit FCDAS in late August 2009.
- DMSP F18 Ground System Readiness test scheduled for August 2009.
- DMSP F18 launch on Atlas V from VAFB scheduled for no earlier than (NET) September 5, 2009.
- Wallops Admin LAN C&A to be completed in August 2009.



### Risks, Issues, and Innovations

- NOAA-18 attitude (yaw error) was caused by Miniature Inertial Measurement Unit (MIMU) failure. Improved MIMU was used on N-19 and DMSP.
- GOES-13 Imager stray light in images taken during Eclipse. Similar to GOES 11-12. ITT, NASA, and NOAA agree on the problem. Partial substitute frames developed could replace 75% of cancelled scanning time. Long term approach to sunlight contamination is to use a SPS correction algorithm.
- NOAA-15 HIRS Filter motor instabilities in May and filter wheel stalled in June. As of 05/31/09 NOAA-15 HIRS data is no longer usable. No impact on product processing.
- NSOF Chiller #1 oil return line problem. Temporary chiller brought on-line.
- New receivers for 13M antennas experienced software problems at FCDAS. RT Logic to test at WCDAS to resolve issues.
- COSMIC 5 meter antenna failed in April. Repairs made on site.



### Planned & Actual Expenditures (FY09)

Milestone	Cumulative Planned Cost	Cumulative Actual Cost	Variance
OSO ORF as of 06/30/09	\$31,763K	\$29,944K	(+\$1,819K)
Source: OSO ORF Activities chart, June 2009			



Red = Management attention required



Yellow = Potential management action required



Green = Necessary and on-track