

Dryden Monday Management Meeting (DM3)
September 19, 2011

X/Deputy Director — Patrick Stoliker

- Thanks to all the employees that supported the Shuttle Ops Retirement luncheon and ELT BBQ – Great Job!

X/Director, Dryden Aircraft Operations Facility (DAOF) – Steve Schmidt

General

- DAOF activities are dynamic – be vigilant and practice situational awareness when working or visiting the facility
- The DAOF Safety Video is available on the Xnet for employees to view.
- B-703 evacuation assembly point is the trailer located in the southwest parking lot
- Orientation and individual safety briefings are available for new and or reassigned employees to the DAOF. Contact Ralph Anton, Etasha Arnold, or Sandy Meske

Construction for the week of Sept 12-16

- Multipurpose Lab occupancy continues to wait on fire alarm design approval and testing by L.A. County Fire Department. NASA is looking into Authority Having Jurisdiction (AHJ) granting temporary occupancy approval per NASA-STD 8719.11
- Construction on Cryogenic Storage unit began Aug 8 and is expected to complete by Sept 26

Facility Engineering Support

- Prime contractor reviewed ORR findings and has initiated corrections to findings
- Procurement package for design of Airborne Science Lab modifications was released Sept 6
- Contract award for upgrade of 20 Ton Overhead Crane is estimated on or about Sept 23
- DAOF/JPL team has been formed to look at the possibility of using B-702 as a joint storage facility
- A Request for Proposal (RFP) was issued to Architect & Engineering firm for Taxiway Sierra and LAWA Shoulder Widening on 9/12/11
- A Request for Proposal (RFP) was issued to Architect & Engineering firm for design on Airborne Science Lab improvements
- JPL and DFRC facility team performed an electrical assessment of Building 702 on Sept 15 in support of possible joint storage opportunity

Flight Operations

- Conducted weekly hangar inspection
- Supported Stand-Alone NAMIS Test #3
- Preparing for arrival of Army Twin Otter
- Reviewed status of work order system
- Supported AOS SEB activities

Safety, Health and Environmental

- Monitored preparation activities for SOFIA deployment to Germany
- Monitored construction activities for cryogen storage sheds
- Reviewed SOFIA confined space (permit & non-permit) classifications
- Submitted six CAPs for OSMA IFO Safety Audit findings

- Accompanied Antelope Valley Air Quality Management District (AVAQMD) during fuel permit assessment

Information Technology

- Completed installation of 50 foot patch cable to support DSI connex-1
- Verified and submitted documentation of termination points for network cabling to support the Sub Station Meter installation
- Finished the door side terminations and hardware installation for badge readers in the Fatigue Countermeasure Facility
- Finished the door side terminations and hardware installation for badge readers in the IT department located next to the 2nd floor North Data Center

Other

- Oct 6 – IP3 training at the DAOF

Exchange Council — Roberta Sherrard

The Gift Shop will be closed September 26 – September 30 for inventory

“Thank You” to all the volunteers that helped out with last week’s events.

September 28 – Deadline for submission of FY12 Funding Request to the Employee

Exchange Council

Submissions must be done using form D-WK 74-1 found in the forms portal. Submit your forms via interoffice mail to Christopher Johnson, Building 4800, Room 1013 or via fax at X2836. <http://xnet.dfrc.nasa.gov/DrydenManagement/Forms/index.html>

Mark your calendar:

Thursday, October 27, Peer Awards Ceremony and Fall Festival/Chili Cook off

October 21, Last day to register for Chili Cook-Off (POC Carmen Arevalo x3102)

October 21, Last day to enter Costume Contest and Group skit (POC Aubrie Merrick x7990 & Roberta Sherrard x2137)

Bake sale (POC Sandee Evans x2099)

Thursday, December 8, Children’s Holiday Party

Friday, December 9, Dryden Holiday Party

Last day to get tickets is this Friday, September 23 for Saturday, October 1, Six Flags

Private Party, 6 P.M. to Midnight

This special Six Flags Magic Mountain event is closed to the public. Only 6000 tickets will be sold. You can purchase your tickets at the DAOF & DFRC gift shop. Tickets for \$24.99 each include admission only. Ticket for \$34.99 each includes admission plus all-you-can-eat buffet meal (cheeseburgers, hot dogs with chili, baked beans, tossed green salad, twin pops and unlimited soft drinks.

Free parking after 5 P.M. - \$5.00 service charge per order - Children 2 and under free

NOTE: (season tickets not honored at this event, no ticket sales at the gate, does not include Hurricane Harbor)

“Picture This” Contest theme for September is “Nature” – Place a photograph on the display board in the entrance to the Dryden Gift Shop. Entry deadline: September 23, 2011 – this is the last month for the “picture this” contest.

<http://xnet.dfrc.nasa.gov/EmployeeInfo/Exchange/council.html>

Other Items of Interest:

Dryden & DAOF Gift Shop Sale, Sept 19 – Sept 23, 20% off all Children’s Jackets and Adult Windbreakers

Employee Discount Providers - Please check the Employee Discounts <http://xnet.dfr.nasa.gov/EmployeeInfo/Exchange/discounts.html> for a current list of businesses offering discounts to Dryden employees.

S/Safety and Mission Assurance — Vince Chacon

LAST WEEK:

● Summary of Incidents during 9/12/2011 thru 9/16/2011

There were three incidents reported this week:

- A technician picked up a sump pump (30 lbs approx) and felt a pull in his back. As the back pain progressively worsened over the next couple of days, the technician went to the doctor.
- An employee back up a shop truck and struck a bollard which protected a card reader; damaged the bumper and right rear fender.

- A contract employee was stepping down a four-step platform when employee lost his balance and fell, hitting the concrete floor. The employee appeared stable and was transported to the hospital.

THIS WEEK:

● Safety Tip: Smoke Alarms

- It is recommended smoke alarms be installed on every level of your home; be sure they are near bedrooms and other sleeping areas in your home.
- Battery-operated alarms should be tested once a month to make certain they are working
- Replace batteries in your smoke alarm once a year. If your alarm “chirps” it is an indication that the battery is low. However, a ten-year lithium battery smoke alarm does not need to have its battery changed. The smoke alarm must be replaced when the alarm “chirps” or fails to respond to periodic testing.
- Smoke alarms should also be replaced every 10 years.

OTHER:

● Safety Day – Are You Prepared? - October 26, 2011

Safety Day is fast approaching! The morning events are sure to enlighten you with guest speakers: Author, James R. Chiles – *Inviting Disasters: Lessons from the Edge of Technology*; Officer Ed Smith, California Highway Patrol; Stephanie Vaughn of Dryden Safety, Health, and Environmental Office, and others. The afternoon will keep you moving as you will be up and out of your chairs visiting a variety of booths, watching demonstrations, and/or attending training. There is much more to come on Safety Day in the following weeks. Questions may be directed to Miriam Rodon at extension 3647 or Denise Cope at extension 2837.

● Kudos

Congratulations to Safety Star recipients:

- Dale McCoy, Code SH, for informing a fellow Dryden employee that one of his vehicle tires was low and where he could go to put air in it, before heading home. Thanks to Stephanie Vaughn for “Paying it Forward” and helping promote the Safety Star program.

- Brad Neal, Code X, for notifying the Pressure Systems Manager of the potential hazard with compressed gases near Building 4840.
- Curtis Peebles, Code T, for reporting, a potential slip hazard by, a leaking bag of trash in Building 4800. Thanks to Patsy Smith for “Paying it Forward” and helping promote the Safety Star program.

F/ Office of Facilities Eng. & Asset Mgmt. — Dan Crowley

LAST WEEK:

- **Major Issues that Were Corrected Last Week:**
 - B4840 Global Hawk rooftop enclosure fire protection system was completed and accepted on Thursday, September 15, 2011
 - B703 Meter module installation at all four (4) sub stations was completed on Saturday, September 17, 2011
- **After Hour Responses and Weekend Callouts:**
 - B4850 and 4851 (**Sub Station 24**) – Lost power due to a generator transfer switch failure (explosion) at 5:15 pm on Friday, September 16, 2011, for approximately 20 hours. Temporary repairs were completed and power restored at 1:00 pm on Sunday, September 18, 2011. B4851 UPS is out of service pending further evaluation. POC Bill Werner x3886
 - B4838 - Computer room air conditioning unit failure occurred on Sunday, September 18, 2011. Unit has been repaired and returned to service. POC Brandon Bychek x5974

THIS WEEK:

- **Outages and Closures:**
 - Parking lot #3 (Shuttle Parking Lot) – Electrical outage is scheduled for Monday, September 19, 2011 at 7:00 am through Friday, September 23, 2011 at 4:00 pm, to replace the light poles as part of the CoF Repair Electrical Distribution Systems Phase 6. POC Andrew Boykin x2340
 - B4838 – Fire sprinkler outage is scheduled for September 20, 2011 from 8:00 am - 4:00 pm, to relocate two fire sprinklers and cap one fire sprinkler. Outage #1127. POC Gemma Flores x2817
 - B4838 – Fire alarm outage is scheduled for September 20, 2011 from 8:00 am through September 22, 2011 at 7:00 pm, to add new fire alarm devices/program and conduct test. Outage #1126. POC Gemma Flores x2817
 - B4840, Rooms 222, 224, 235, 236, and main hallway – Fire suppression outage is scheduled for September 22, 2011 from 8:00 am - 12:00 pm, to install data cables under the floor. Outage #1129. POC Dan Eason x2078
 - B4800 – Water outage is tentatively scheduled for September 23, 2011, from 5:00 pm – 11:00 pm, to install additional pipe supports in tunnel, which will affect B4800, 4801, and 4802 air conditioning and domestic water systems. POC Troy Spiger x 3491

- B4800, 4839, 4841, 4842, 4846, 4852, and 4876 – Fire Alarm Testing is scheduled for Monday, September 19, 2011 from 4:00pm – 7:00pm. No outage needed. POC Brandon Bychek x 5974
- B4720, 4982, 4801, 4820, 4824, and 4857 – Fire Alarm Testing is scheduled for Tuesday, September 20, 2011, from 4:00pm – 7:00pm. No outage needed. POC Brandon Bychek x5974
- **Elevated Work:**
 - B4801, 4807, 4808, 4809, and 4810 – HVAC technicians will be using the SOFIA JLG Lift as a fall protection tie off point. Scheduled from September 19, 2011 through September 23, 2011. POC Brandon Bychek x5974
- **Confined Space:**
 - B4800 – Installing pipe supports in the utility tunnel between B4802 and 4803. Scheduled for September 23, 2011, from 5:00 pm – 11:00 pm. POC Troy Spiger x 3491
- **Property Inventory:**
 - FY11 Physical Inventory Update:
 - As of September 16, 2011 there are a total of 39 items still unaccounted for with a cost of \$345,402.
 - DFRC’s FY 11 Physical Inventory is scheduled to close on September 23, 2011. POC x2590 Jean Manning
- **Energy Management:**
 - Join the Dryden Green Team Today!
Dryden is seeking accomplished and creative individuals to form an all new “Green Team”. The team is being formed to conceive and build an innovative conservation program scheduled to debut in January 2012. The program will focus on recycling, energy, and water conservation. Learn about national sustainability goals and environmental issues. Join now; interact with senior managers and be part of a team to dramatically transform Dryden’s future. Contact Jennifer Gocke at x2909, or John Torres at x3739 for more information

VISITORS:

- Steve Rider (Facilities Engineering Division at HQ) will visit NASA Dryden on Wednesday, September 21, 2011 – Thursday, September 22, 2011

FOR LATEST FACILITY UPDATES:

- For Facility Trouble Call or Service Request status, please call Facilities Trouble Desk x3865 .
- For Facility Project status, please click the “Facilities Projects” link on the left-hand side of the X-Net.
- For construction locations and area closures, please check “Center Construction Map” on the X-Net.

PA/Aero Projects — Joe Piotrowski

Fundamental Aeronautics Program (FAP)

Subsonics Fixed Wing (SFW)

- General: Greg Follen (SFW Deputy PM) to visit DFRC tomorrow.
- Lightweight Airframe and Propulsion Systems (LAPS): The LAPS Version 1 task plan submitted to the Project level for review.

- Multi-Utility Technology Testbed (MUTT): A CDR is planned via teleconference next week (Sept 27). This will be a “delta CDR” from the April pre-CDR.

Supersonics (SUP)

- General: The Tech Leads are updating their Version 0 FY12 technical plans for the Version 1. The DPMf continues to develop the Dryden FY12 SUP implementation plan.
- Channel Center-body Inlet Experiment (CCIE): Awaiting F-15B TN 836 maintenance efforts.
- SBLT Phase 2: A draft test plan has been written and is in review by first line management. Full kit 2 preparation is in progress.
- Waveform & Sonicboom Perception & Response (WSPR): Approximately 25-30 more participants needed for this test. Completed air data system calibration flights to characterize the effects of the addition of TCAS antennas on 852 and 843. An air data calibration flight on 850 is planned for this week.

Aviation Safety Program (AvSP)

Vehicle Systems and Safety Technologies (VSST)

- Vehicle Integrated Propulsion Research (VIPR): Team continues to work towards the VIPR 1 ground test scheduled for December. The C-17 research engines were moved from the AF engine shop to the DFRC engine shop. The ground platform and exhaust sensor system rig modifications will begin this week.

Integrated Systems Research Program (ISRP)

Environmentally Responsible Aviation (ERA)

- Discrete Roughness Element Laminar Flow Glove Experiment (DRE LFGE): The DRE static structures working group revisited the glove design load cases last week and made significant progress toward being ready for the upcoming Preliminary Design Review (PDR) to be scheduled.
- Adaptive Compliant Trailing Edge Flap (ACTE): The ACTE roles and responsibilities were defined between NASA Dryden and FlexSys for the actuation system last week. FlexSys is making good progress on the material characterization testing. A proposal was submitted to Pete Flick of the Air Force Research Laboratory (AFRL) outlining the support necessary to complete the remaining design, integration, and flight test activities for the ACTE flap.

Unmanned Aircraft Systems (UAS) Integration in the National Airspace System (NAS)

- Integrated Test and Evaluation (IT&E): Participated in project meetings with the FAA’s Air Traffic Organization and the Aviation Safety Office-Unmanned Aircraft Program Office (UAPO) in Washington, DC and with the FAA Technical Center in Atlantic City, NJ.

Non-Aeronautics Test Program (N-ATP) Research Aircraft & Infrastructure

- F-15B TN 836: Mechanics have installed and run the replacement engine and it checked out. However, troubleshooting of the air inlet controller system continues.

AMD Upcoming Events:

- Sept 20: IT&E will participate in a Dryden site visit by the Air Force UAS Airspace Integration Office to discuss collaboration opportunities with the Ikhana Project.
- Sept 20: Greg Follen (SFW Deputy PM) to visit DFRC.
- Sept 27: MUTT CDR via teleconference.
- Sept 28-29: John Cavolowsky and other members of the Airspace Systems Program (ASP) leadership will be visiting DFRC.

- Currently working SNC Annex 2 – flight test support, X-34 landing gear, and F-18 in-flight simulator
- John Carter will attend the Sierra Nevada ETA flight test brief to Ed Mango on Thursday Sept 22 in Colorado

OCT Flight Opportunities Program

- The Program anticipates task order award (Task 1) this week for the Payload Integration and Flight Services IDIQ contact. It is anticipated that three contractors will be placed on task to provide dedicated flights and integration services on their Qualified Vehicles. The task order award is pending Code L review.

- Gabe Baca (DFRC), Jonathan Pickrel (DFRC), Alexander van Dijk (ARC), and Paul de Leon (ARC) are at Ellington Field supporting the FAST parabolic flight campaign with the Reduced Gravity Office. Seven technology payloads will be flown on this campaign.

Multi Purpose Crew Vehicle (MPCV) program

Last Week:

- On Sept 13-14 Joe Voor from the Orion Flight Test Management Office, Chuck Rogers from DFRC, and Walt Rader from Zeltech participated in a site visit to the Space Launch Complex – 46 (SLC-46) launch facility at the Cape Canaveral Air Force Station (CCAFS) and had meetings with Space Florida representatives and representatives from the Air Force 45th Space Wing to discuss the SLC-46 Letter Of Intent and the Ascent Abort – 2 (AA-2) Facilities Requirements Document (FRD), use of the SLC-46 facilities to launch AA-2, the facilities modification schedule, contracting options for facility modifications, and other subjects with the Space Florida and the 45th Space Wing representatives. Included in the site visit was a tour of the CCAFS Building B80503, which is the proposed Abort Test Booster (ATB) processing facility.

- Evidence of Funding documentation for the ATB FY12/FY13 tasks for the minimal \$2M per year ATB effort was submitted to the Air Force for the transition of the ATB contract from the Air Force Sounding Rockets Program – 2 (SRP-2) contract to the SRP-3 contract.

- The Orion Hardware Disposition Plan, a large portion of the hardware which it covers being Pad Abort – 1 (PA-1) related excess hardware, was presented to the Orion Flight Test Management Office Configuration Management Team (CMT) for approval of disposition of all Orion hardware at DFRC and the White Sands Missile Range (WSMR). The hardware disposition plan was approved pending resolution of a few action items.

- Supported Orion Vehicle Integration Team (OVIT) meetings on Global Reference Atmosphere Model (GRAM) 2007 to GRAM 2010 comparison of affects on Orion Flight Test – 1 (OFT-1) vehicle performance, and on OFT-1 Fault Management Baseline updates.

- Supported an Orion Engineering Review Board (ERB) on Orion Test Labs Configuration.

This Week:

- Continuing to work with the Air Force to make sure the Statement Of Work (SOW), the Contract Data Requirements List (CDRL), and other associated documentation has been completely submitted to Air Force contracting personnel for the Abort Test Booster (ATB) FY12/FY13 Tasks for the minimal \$2M per year ATB effort under the Air Force Sounding Rockets Program – 3 (SRP-3) contract.

- Will begin executing the Orion Hardware Disposition Plan. A large portion of the hardware being disposed of is Pad Abort – 1 (PA-1) related excess hardware.

- Will begin working through the Action Items which were assigned to DFRC personnel from the Sept 13-14 meetings with Space Florida representatives and Air Force 45th Space Wing

representatives on the use of the Space Launch Complex – 46 (SLC-46) launch facility for Ascent Abort – 2 (AA-2).

- Continuing to work on the revised OFT-1 MC Data Acquisition Unit (MCDAU) test configuration along with drawings and wiring for Development Flight Instrumentation (DFI) radiation effects testing scheduled for 1 Nov. Lockheed Martin is ramping up to support the Flight Data Recorder (FDR) radiation effects test scheduled for the same date.

UPCOMING EVENTS

Sept 22 Sierra Nevada Dream Chaser ETA flight test brief to the CCDev office in Denver, CO
Sept 27 – 29 AIAA Space 2011 Conference in Long Beach, Cal
Nov 17 OFT-1 PTR-3

PS/Science Projects — Bob Curry

ON-SITE THIS WEEK

Global Hawk

- Airborne Tropical Tropopause Experiment (ATTREX) instrument integration and bench check-out.
- HS3 demonstration flights are complete

DC-8

- Instrument upload for Ice Bridge is underway, science teams are arriving this week.

ER-2

- TN 809 – Extended maintenance
- TN806 – Maintenance line items

G-III (C-20) UAVSAR

- Hush kit installation complete
- San Joaquin Valley Science flight

UPCOMING EVENTS:

- DC-8
 - Sept 19: Operation Ice Bridge deployment upload begins
 - Sept 20: OIB Tech Brief
 - Oct 9: OIB Departure
- G-III (C-20) UAVSAR
 - November 2: Soil Moisture local mission coordinated with ER-2
- ER-2
 - November 2: Soil Moisture local mission coordinated with G-III (C-20)
 - Mid-January - Feb: Expected time frame for MR-TCDL flights, local flights only, no deployment
 - Likely deployment to the Arctic for IceSat instrument develop mission
- Global Hawk
 - October: ATTREX payload development flights (three flights over the Pacific)
 - Aug 2012: HS3 Wallops Flights

OS/Shuttle Operations – George Grimshaw

- Shuttle assets including facilities are still being used by the Shuttle Program in support of transition and retirement activities. They will be turned over to the Center for disposition during the next couple of years. Disposition activities are being managed by Code F, who will notify the Center as Shuttle assets become available for use by other organizations.

LAST WEEK:

- Shuttle transition and retirement.
- Shuttle Ops Retirement Party and ELT BBQ – Great turn out! Thanks for coming out!

THIS WEEK:

- Shuttle transition and retirement.

NEXT WEEK:

- Shuttle transition and retirement.

UPCOMING ACTIVITIES:

- Shuttle transition and retirement.

X/SOFIA — Eddie Zavala

Last week:

- On September 16, SOFIA departed Palmdale for Cologne, Germany and is planning to obtain science data en-route. The deployment to Germany was delayed one day to September 16 to accommodate the work needed on the Primary Mirror, the avionics checkout flight, and final preparations for deployment. The aircraft will be on display for tours and participation in German Aerospace Day over the weekend. On September 19, the aircraft will fly to Stuttgart for tours at that location. On September 21, the aircraft will then fly to Andrews Joint Base obtaining a significant amount of data while looking at the galactic center while crossing the Atlantic. Following tours at Andrews, the aircraft will depart for Palmdale on September 23, once again while obtaining science data en-route.

This week:

- Flight from Palmdale to Cologne, Germany, will begin on September 16, 2011
- German Aerospace Day on September 18, 2011
- Flight from Cologne to Stuttgart, Germany, will begin on September 19, 2011
- Flight from Stuttgart to Andrews Joint Base (Washington, DC), will begin on September 21, 2011

Future Events/Items of Interest:

- 9/18/11 - SOFIA Aircraft at German Aerospace Day in Cologne
- 9/19 to 9/23/11 - Astronomische Gesellschaft (AG) Conference in Heidelberg, Germany
- 9/22 to 9/23/11 - SOFIA Aircraft stopover to Joint Base Andrews
- 10/14 to 10/17/11 - SOFIA Aircraft Visit to Ames Research Center
- 10/21/11 – California Science Teachers Association (CSTA) tour of SOFIA at DAOF

Z/Program Planning Office — John Del Frate

TMB:

- None

PMB:

- 21 September 2011 HTV2 GNC Flight Follow-On – T. Risch
- 21 September 2011 Hypersonic Sensor Development – T. Risch
- 21 September 2011 Structural Analysis and Testing – T. Risch

On-Site this week:

- September 20, 2011 Sense and Avoidance – Ikhana Meeting – M. Rivas

Off-Site this week:

- September 19-23 2011 UAV Congressional Caucus Washington DC – R. Albertson

Upcoming:

- September 21-24 2011 Society of Experimental Test Pilots – T. Ginn, J. Budd
- September 26-29 2011 AIAA Space Conference, Long Beach – J. Del Frate

Code Z / Reimbursable Projects

Automatic Collision Avoidance Technology (ACAT)

This Week:

- An ACAT brief to the JPDO in Washington, DC, is scheduled for Wednesday.

Ikhana

This Week:

- The US Air Force Airspace Integration Lead will be visiting Dryden, along with representatives from the Navy, Army, Air Force and the FAA on Tuesday to assess the capability of Ikhana as a Sense and Avoid Testbed.

Upcoming:

- A Mini-Tech brief to provide management insight following the lost link incident will be scheduled at a time/date TBD in the future. No flights will be performed prior to this Mini-Tech brief.

Boeing Phantom Eye

This Week:

- The Phantom Eye Engine Run is planned to start on Pad A (between the MDD and the lakebed) on Friday and will run for 10 days.

Upcoming:

- The Boeing First Flight Readiness Review for the Phantom Eye taxi testing is scheduled for 07:30 to 3:00 on Monday, October 3, at Dryden.

Small UAS

This Week:

- An AeroVironment Switchblade operation is scheduled for Monday with a backup on Tuesday.

B/Project Support Office – Rob Binkley

MAJOR EVENTS:

- High level RASSCAL network build
- MUTT network build continuation
- [853] FAST closeout

- The ASIS network build is in progress and completion is planned for today.

MEETINGS OFFSITE:

- Code B Offsite Friday at the DAOF

OTHER ITEMS OF INTEREST:

- For Help with ConWeb Issues, Please Contact:
 - x7766 or email us at: dfrc-project-support-office@mail.nasa.gov
 - Concerto Web Site: <https://ccpm.ndc.nasa.gov>

CCPM TIP of the WEEK:

- Upcoming changes to the software or processes are generally announced at the PMB. If you do not attend the PMB, please review the notes or contact the PSO at x7766 or DFRC-Project-Support-Office@mail.nasa.gov to stay abreast of these changes.

R/Research Engineering — Brad Flick

M/Mission Information & Test Systems Directorate — Sean McMorrow

This Week:

WEDNESDAY NIGHT OUTAGE (Wednesday nights after 5pm is the normal weekly outage for system maintenance) This week the following system will be updated:

ODIN will be applying software and security patch updates to all ODIN-Controlled Windows and Mac systems. This update will cause your system to reboot automatically. If your system does not reboot automatically, you may need to complete a manual system reboot for the updates to take effect.

UNIX Server Critical OS Patching
Windows Server Critical OS Patching

ACES Early Deployment begins today. If you are a recipient of an Early Deployment ACES seat, you will be contacted via email/phone to coordinate an appointment for deploying your computer.

- Continue work on build 5.05 of 747SP sim (SOFIA) and porting to Debian Linux.
- Continue work on gathering requirements for SI (SOFIA) simulation.
- IT Security Plan
- ER-2 Plant 42 antenna Installation
- WSPR Spectrum Measurements
- KQ-X Analysis
- Global Hawk deployment to WFF, 2012
- Phantom Eye Monitoring
- Operation Ice Bridge Frequency Coordination

Missions Scheduled:

- WATR SMO Survey – No A/C type

MEETINGS OFFSITE:

- Tom Cronauer to Las Cruces, NM for Global Hawk.
- Anthony Thomas will be attending the Security Training Conference in Orlando, FL 9/19-9/23.
- Bart Rusnak TDY to Plano, TX Sept 20, 2011 for KU antenna acceptance test and KQ-X Payload trailer in Las Cruces, NM Sept 22-23, 2011.

OTHER ITEMS OF INTEREST:

- The following training courses for Enterprise Service Desk (ESD) users will be held Oct. 4 – 5 at DFRC and Oct. 6 at the DAOF:
 1. Enterprise Service Desk for End Users (90 minutes)
 2. Enterprise Service Desk for Approvers (60 minutes)
 3. Enterprise Service Desk for Notification/Knowledge Article Authors (60 minutes)
 4. Funding I3P (60 minutes)
 Please contact Yvonne Gibbs for more information.
- The general compute server CS3 will be decommissioned October 1, 2011. Alternate compute servers are DFCS1 and CS4; please submit a NAMS request for login accounts to these systems.
- Amazon Web Services will be presenting their Gov't Cloud capabilities on September 21 (Wednesday) from 2-4 in RAIF 113A/B

TIP OF THE WEEK:

- During the End User services transition over the next few months, HPES will install any software back onto your new machine for which you have a valid license. Please begin finding copies of your software and licenses keys. Examples include CDS, DVDS, and Downloaded License Keys from emails. If you do not have a valid piece of software HP cannot do the install during time of transition.

O/Flight Operations — David Wright

THIS WEEK

- 747 SOFIA Deployed to Germany, Rtn Sat.
- G-III 502 UAVSAR, Mon.
- F-18 852/F-843 WSPR, Wed.
- KA 7 CPAS (C-17) Photo chase @ Yuma, Tues. Rtn Wed.
- KA 7 Static Display, Tehachapi, Fri. Rtn. Mon.

OTHER:

SETP Wed. – Sat.

X/Management Systems Office — Keith Williams

LAST WEEK

- Keith Williams on jury duty.
- Worked on the replacement application (ODIE) for the Dryden Document Library
- Continued the Aircraft Purchasing Office (APO) internal audit.
- Followed up on NQA finding's corrective action plans.
- Worked on metrics for Code XP and processes.

THIS WEEK

- Keith Williams on jury duty
- Working on the replacement application (ODIE) for the Dryden Document Library
- Metrics team working with document POCs and process owners to develop process metrics (MSO metrics)
- Continue APO internal audit. Audit is taking more time due to busy schedules and workload. New target date for completing audit and draft report is September 30th.
- NQA auditor coming the week of October 17th. Continue working the NQA audit findings. Working with organizations that were called out during audit for less than stellar performance metrics.

DRYDEN DIRECTIVES STATUS

No directives in the review process at this time

AGENCY DIRECTIVES STATUS

The directives that are included in the August review period which begins Tuesday, Aug 30:

- NPD 1387.2G, Use, Control, and Loan of Lunar Samples for Public and Educational Purposes
- NPD 1400.2E, Publishing NASA Documents in the Federal Register and Responding to Regulatory Actions
- NPD 4300.4E, Reuse of NASA Program Materials for Official Awards and for Information Dissemination

Comments due to Cheryl Agin by September 22, 2011

AGENCY FORMS

- NEFS Website Outage: Scheduled Maintenance for the NASA Electronic Forms Distribution Center
- Wednesday, September 21, 2011, between 5:30 p.m. – 9:30 p.m. (Pacific).
- The ARC maintenance window will last 4 hours to consolidate local communications and other the maintenance and patching activities . While NEFS is only expected to be down for a short period of time within the 4 hour window, ARC cannot commit to a more specific time window.

C/Office of Chief Financial Officer — Val Zellmer

Description

Cutoff Date

Cutoff Dates for Bankcard Transactions

Credit Cards Closed for Purchases Using Expired Funds	September 6, 2011
Credit Cards Closed for CAS Funds	September 6, 2011
Entries in Bankcard Order Logs (Outside Procurement)	September 27, 2011

Cutoff Dates to Submit Documentation to NSSC

Training Forms (SF182) Unexpiring funds	September 13, 2011
Expiring funds	September 13, 2011
Training Receipts	September 19, 2011

Cutoff Dates to Submit Documentation to Code A

(In order to complete the procurement by fiscal year end, a complete PR package must be Received by the indicated date.)

Funding Actions	September 28, 2011
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Grants and Cooperative Agreements	August 31, 2011
Purchase Orders (<25K)	September 9, 2011
Purchase Orders (>25K to \$150K)	August 5, 2011
GSA SEWP(GWAC Orders)	August 5, 2011
MIPRS(Interagency Agreements)	August 31, 2011
FY11 Option Exercises (for services on or after Oct 1, 2011)	September 16, 2011
New Task Orders on existing single award IDIQ contracts	August 12, 2011
Non-Competitive Awards reserved for 8(a) Small Business	Augusts 12, 2011
New Work Contract Mods (\$100K to \$1M)	July 15, 2011
New Competitive Procurements (\$100K to \$1M)	July 15, 2011
New Work Contract Mods (\$1 M to \$10 M)	Contact PO or DPO
New Competitive Procurements (\$1M to \$10M)	Contact PO or DPO

NOTE Code A dates are for guaranteed processing. Actions will continue to be accepted Through September 30th, but are not guaranteed to be completed if received after advertised Date

Cutoff Dates to Submit Documentation to NASA DFRC

Vendor Invoices to guarantee payment September 23, 2011 (COB)

Cutoff Dates to Submit Documentation to CF

Approved Invoices September 23, 2011 (COB)

Approved Travel Vouchers with hardcopy of receipts September 14, 2011 (COB)

(NSSC will not make payments the last four days of the month)

Pre-Travel Questionnaires No deadline

PCS Vouchers to NSSC with receipts and approvals September 2, 2011

(NSSC will not make payments the last four days of the month)

Foreign Vouchers to DCTO with receipts and approvals September 16, 2011 (COB)

Extended TDY Vouchers to DCTO with receipts and approvals September 14, 2011

(COB)

Type II Adjustments for Labor (WBS Changes Only) September 21, 2011

Awards entered and processed through NAS August 19, 2011

Cutoff Dates to Submit Documentation to Code CR-CBO

Reimbursable order Packet September 20, 2011*

Reimbursable Fund Adjustments September 23, 2011*

FY11 Funds Cutoff for Labor PPE August 19, 2011

Closure of Systems

SAP September 30, 2011 10:00pm PT

NAMIS September 27, 2011 7:00pm PT

IAM/Capital Assets September 30, 2011 8:30pm PT

E/Equal Opportunity — Keri Eliason

Hispanic Heritage Month

Please join NASA Dryden Flight Research Center and the Air Force Flight Test Center in celebrating Hispanic Heritage Month with the following events:

- September 21st – Children’s Library Reading (10:00 a.m. – 11:00 a.m.)
- September 28th – Luncheon from 11:30 am to 1:00 pm at Club Muroc. The guest speaker will be Richard J Loa, see his biography at <http://www.loalaw.com/about.php>.

Tickets are \$10.00 for club members and \$12.00 for non-club members. For tickets contact Gaby Olson x2472.

· October 14th – Mini-Fiesta at the Stripes Lounge, 11:30 a.m. – 1:00 p.m. Event includes dancing demonstrations and lessons and dessert sampling!

The Importance of Trust in the Workplace Webinar

Wednesday, September 28th 11:00 a.m. – 12:00 p.m. space is limited contact Gaby Olson x2472 to register.

Many experts agree that trust is perhaps the most important element of a harmonious, synergistic and efficient work environment. Organizations that have trust among employees are usually successful; those that don't frequently are not. This Webinar is a 60-minute computer based interactive session designed to assist participants in recognizing the warning signs if trust is a concern in their workplace. This session will focus on the impact of the absence of trust in the workplace and in understanding how trusting relationships can have a positive impact on productivity. Facilitators with Curtis Lewis and Associates will discuss specific steps and actions that can help to create a climate of trust in the workplace.

Participants will be given the opportunity to learn from each other and the facilitators through large and small group discussions during this interactive session.

Diversity & Equal Opportunity website:

<http://xnet.dfrc.nasa.gov/Organizations/EO/index.html>

H/Human Resource Management, and Dev Office — Patsy Smith

Vacancies: <http://xnet.dfrc.nasa.gov/Organizations/HumanResources/vacancies.html>

Leave Donation Program: We have employees who are in need of donated leave if anyone is interested in donating. Donations can be arranged through WebTADS. Recipients can be found at www.nssc.nasa.gov.

Use or Lose Annual Leave: With the end of the leave year quickly approaching supervisors are reminded to monitor leave balances of employees. There is still plenty of time for employees to schedule and use their use or lose annual leave. Even though the scheduling and using of “use or lose” annual leave is the responsibility of your employees, it is also an administrative responsibility of you as a supervisor. Annual leave can only be restored when there is an exigency of service. An exigency of service is a work situation that is of such major importance that annual leave may not be used. An employee’s need to use previously restored annual leave to avoid forfeiture or an employee’s failure to schedule his/her use or lose throughout the year are not considered exigencies of service. The Code of Federal Regulations (5 CFR 630.308) requires "use or lose" annual leave be requested in writing and approved before the start of the third biweekly pay period prior to the end of the leave year (no later than Saturday, Nov. 22, 2011). Informal notification or verbal requests are not sufficient for scheduling leave.

An exigency must exist throughout the leave year preventing employees from using scheduled use or lose annual leave. Annual leave must be approved and then disapproved due to an exigency of service in order for a request for restoration to be considered. It is important employees project and use their leave throughout the leave year. Supervisors

should make sure employees understand that if they wait until the end of the leave year to schedule their leave, supervisors may not be able to certify that an exigency existed precluding their ability to schedule and use their use or lose annual leave. Restoration of annual leave can only be approved by the Center Director and will be approved rarely. It is the responsibility of the supervisor to ensure employees have ample time to schedule and take their use or lose annual leave.

USAJOBS: OPM will implement its new USAJOBS 3.0. website effective October 14th, 2011. This will result in USAJOBS shutting down during the period of October 6-13, 2011. There will be no access to the USAJOBS website during this time. NASA STARS will be down during this time as well. This will prohibit all activities within the system to include issuing and receiving referral certificates, processing applications, and using any other STARS search and reporting tools. As a result of the downtime, there will be no NASA vacancy announcements open during this time except for our agency-wide announcements to 10-point Veterans and Individuals with Disabilities. The new USAJOBS will have stronger security requirements than the current USAJOBS, and will require anyone with a USAJOBS account to establish a new password following the transition. The easiest way to establish that password in October will be by responding to the established security questions in your USAJOBS account. Account holders are encouraged to set up security questions now.

How to Establish USAJOBS Security Questions

1. Go to the USAJOBS homepage: www.usajobs.gov and sign in using your current Username and Password.
2. Once in My Account, click Edit Profile.
3. Click or scroll down to Account Information.
4. Select questions and answers unique to you.
5. Click SUBMIT at the bottom of the screen.

TRAINING:

Uniformed Services Employment and Reemployment Rights Act (USERRA) – This course is now in training plans and **must be completed by September 30, 2011**. All supervisory civil service employees and Human Resources Specialists are required to complete this course.

Pre-Retirement Seminars: The pre-retirement seminars for those eligible to retire within the next five years are now available for SATERN registration – the dates are October 18th, 19th, and 20th (enroll in one session only). There will be one session for CSRS and two sessions for FERS employees. All sessions will be in the Large Mezz.

AERO Institute: APPEL-REQ-#33 – November 1-3, 2011 - This three-day course provides a firm foundation for the development and management of a project's product requirements. This course presents the participant with best practices that, when incorporated into the requirement development and management process, will help a project team develop a winning product—one that delivers what is needed, when it is needed, within the projected costs and with the expected quality. Register in SATERN

K/Education Office — Russ Claugton

- September 23, 2011 – Two hundred ninety-eight local middle school students from schools who have been participating in Summer of Innovation will be part of a Shuttle Celebration at the Lancaster IMAX Theater. These students, along with 22 educators and 17 guests who have worked on the shuttle, will see two NASA films, “Hubble” and “Space Station”. The event will take place from 8:15 a.m. to 10:00 a.m.
POC: Cecilia Cordova

T/Public Affairs and Commercialization — Kevin Rohrer, Acting

*** Media on site**

- Space shuttle retirees tribute program on Wednesday Sept. 14:
- Allison Gatlin, Antelope Valley Press
- Ray Jaffe, Aerotech News & Review
- Tina Forde, Forde News Service, Tehachapi.
- Several German media personnel, identities unknown, at the DAOF for interviews and training for their planned flight on the SOFIA observatory during the German deployment 9/16 - 23.

*** Media products produced, issued or posted**

- Feature story, Dryden & space shuttles, shuttle drag chute tests, posted 9/12.
- News release, hometown, Luis Urbina internship, issued to hometown media, 9/12.
- Feature 11-61F, Shuttle Retirees Tribute Luncheon, posted on Dryden website, 9/15.
- Feature, Global Hawk HS3 checkout flights, posted on web portal Earth topics, 9/15.

- Facebook and Twitter posts

- Curry, Thomson Named to Dryden Management Posts –
- Veteran aerospace engineers Robert Curry and Michael Thomson have been named to oversee airborne science, aeronautical research at NASA Dryden, posted 9/9.

- Facebook stats

- 1,531 monthly active users
- 2,460 people like this
- 57 wall posts or comments this week
- 272 visits this week

- Facebook posts

- NASA Remembers September 11th - This page chronicles some of NASA's remembrances of the September 11 attacks and the Americans who died that day.

- This Week in Dryden's History - Sept. 11, 1995 - Pathfinder, part of NASA's Environmental Research Aircraft and Sensor Technology (ERAST) program, set a new altitude record for solar-powered aircraft.

- This Week in Dryden's History - September 16, 1999 - B-52B (52-0008) makes its 1,000 flight.
- Drag Chute Reduced Shuttles' Brake and Tire Wear
- Internship Gives Grad Student Hands-on Experience
- NASA - NASA Global Hawks Prepare for 2012 Hurricane Study
- NASA - NASA Dryden Honors Space Shuttle Program Retirees
- Curry & Thomas promotions

This Week

*** Pending media products**

- Video, Shuttle Retirees Tribute Luncheon, for TWAN, Time Warner and Web.
- Media advisories on NASA IMAX movies to be shown to middle-school students on 9/23.
- Photo feature, AREES teachers tour of DAOF
- Possible video segment for *This Week@NASA*, AREES teachers tour of DAOF.
- Feature story, Dryden & space shuttle series, F-15B LIFT project.
- Feature story, Channeled Center-body Inlet Experiment (ARMD-GC)
- Feature story, NASA exhibit at Albuquerque Balloon Fiesta

Tours

* 9/19	Hamburg University	38
* 9/21	Swedish Aviation Historical Society	17
* 9/23	AF Public Tour	45

Upcoming Events

- * 10/1 – 11, Dryden has the lead on the 60x60 aeronautics themed NASA exhibit at the Albuquerque Balloon Fiesta. POC Mary Ann Harness X3446.

*** Media on site**

- Sean Wilson and Paul Mulligan, Freelancers, will be on site for tour and briefings on 9/19, and at DAOF on 9/20.

External Affairs – Cam Martin

AFFTC/95th ABW:

AFFTC Technical Research Main Library Closure – 14-20 SEP 11. For more information, please contact Mr. Lance Wiscamb at 277-3606.

Government Relations: Legislative and Intergovernmental Affairs

Congress:

Upcoming Congressional Hearings:

9/22, House Committee on Science, Space and Technology (Chairman Hall, R-TX):

(Hearing charter TBA)

Witnesses: Michael Griffin, former NASA Administrator; Neil Armstrong, former astronaut; and, Gene Cernan, former astronaut.

9/23, hearing before the House Committee on Science, Investigations & Oversight Subcommittee (Chairman Broun, R-GA)

Joint Polar Satellite System (JPSS). NASA witness: NASA Associate Administrator Scolese.

Meetings:

- 9/21, Congressional Unmanned Systems Caucus' Science and Technology Fair at the Rayburn House Office Building, Foyer, at the request of UAS Caucus Chairman Howard P. "Buck" McKeon . Cam Martin is supporting this activity.
- 9/22, SOFIA event at Andrews Air Force Base, MD. Congressional staff expected to attend. Cam Martin is supporting this activity.

Upcoming presentation:

Tuesday September 20th, 10 a.m. Dryden ISF Auditorium: **Dr. Herm Rediess *Flight Dynamics and Control - A Personal History from the Douglas Skyrocket to the Space Shuttle***. Dr. Rediess started his career as a coop-student then research engineer at the NASA Dryden Flight Research Center, where he progressed to Director of Research before transferring to Headquarters in 1978.

Sept 17 marked the 35th Anniversary of the Shuttle Enterprise Rollout at Palmdale California. A painting of this event by Robert McCall is displayed in the Building 4800 Stairwell.

X/Employee Assistance Program — Kathy Christian

This week:

Dryden: Staffing daily

DAOF: Staffing at the DAOF **Thursday from 9-6 in room N211.** For an appointment or consultation please call Monique Pierre-Louis at x2034.

Organizational News:

****MANDATORY TRAINING FOR CIVIL SERVANTS AND**

CONTRACTORS- Workplace Violence Prevention (these sessions are for non-supervisor employees- separate sessions for supervisors TBA)

Wednesdays(Attend ONE): 9/21, 9/28 & 9/29 10am-11am at Dryden in the ISF,

DAOF: Room S342, AERO: TBA (contact Jose Hernandez x7332) **

*******Makeup for THOSE WHO MISSED THE Mandatory Drug Free Workplace Training*******

General session: Civil Servants, Non-Supervisors

DEADLINE: October 28, 2011

- 1.) Go to Dryden Research Library (4800/ 2412) and request the DVD: "Drug Free Workplace 2011", **AND** exam
- 2.) You have two options: check out DVD (max two days) or use library computer to watch DVD.
- 3.) To receive credit for the training you will need to complete the exam and drop it off at the library front desk
- 4.) DAOF or AERO: Contact library staff to have DVD and quiz mailed to you :
 - Karl Bender Karl.A.Bender@nasa.gov, Librarian, 661-276-3702

- Freddy Lockarno Freddy.Lockarno-1@nasa.gov, Library Technician, 661-276-3127

If you are unsure if you have already taken the DFWP Training, go into SATERN and look under **LEARNING HISTORY**. You can sort out the records by the date of completion. The training was given in May 2011.

Tip of the Week: **September is National Alcohol and Drug Addiction Recovery Month** The goal is to promote the benefits of treatment for substance use and mental disorders, celebrate people in recovery and spread the message that recovery is possible. Here are some facts about recovery.

- According to the World Health Organization, worldwide, approximately 2.5 million people die each year due to alcohol use and 15.3 million people have a drug dependence
- Children of alcoholic parents have a 50 percent chance of becoming alcoholics.
- An estimated 45.1 million adults aged 18 or older in the United States (19.9 percent of the population) had a mental illness in the past year.
- Half of all adults over age 18 know someone in recovery from an addiction to alcohol, illicit, or prescription drugs.
- 4.3 million people aged 12 or older received treatment (at any location) for substance use disorders
- 2.6 million people received treatment for substance use disorders at specialty facilities (hospitals, drug or alcohol rehabilitation facilities, or mental health centers).
- Nearly 20.9 million people aged 12 or older (8.3 percent of the population) needed but did not receive treatment for substance use disorders in the United States.

Source: Substance Abuse & Mental Health Services Administration

For more information or resources about substance or alcohol dependence please stop by the EAP library