

Ham Radio Club Takes Part in Field Day

June 30, 2015

Five members of the El Segundo chapter of the Aerospace Employees' Association (AEA) Ham Radio Club participated in the international Amateur Radio Relay League Field Day this past weekend.

The ARRL Field Day is a single day for all amateur radio operators to contact as many stations as possible on nearly all amateur radio bands and modes. In doing so, they learn to operate in abnormal situations in less than optimal conditions, which in turn, helps prepare the AGO team to assist with Aerospace communications in an emergency. The AGO team operated from the Emergency Operations trailer and made contacts as far away as British Columbia, Canada and Western Washington on 15 meters. They also made closer contacts using VHF radios and antennas.

The Chantilly and Colorado Springs facilities also have their own ham radio clubs. While neither team was able to

participate in this year's Field Day event, the Colorado Springs club remains active in its community with multiple events each year, and Howard Dotson of the Chantilly club said that group is planning to participate in a smaller similar event later this year.



AEA Ham Radio Club members in El Segundo used the Emergency Operations trailer while contacting other ham operators on Saturday and Sunday. (Photo: Kirk Crawford)

World's Smallest Speaker Demonstrated at Aerospace

June 24, 2015

Scientists at Aerospace and USC have demonstrated the world's smallest speaker, consisting of an individual suspended carbon nanotube.

According to Dr. Adam Bushmaker, a senior member of the technical staff at Aerospace, "This is 10 billion times smaller than any previous electroacoustic system studied."

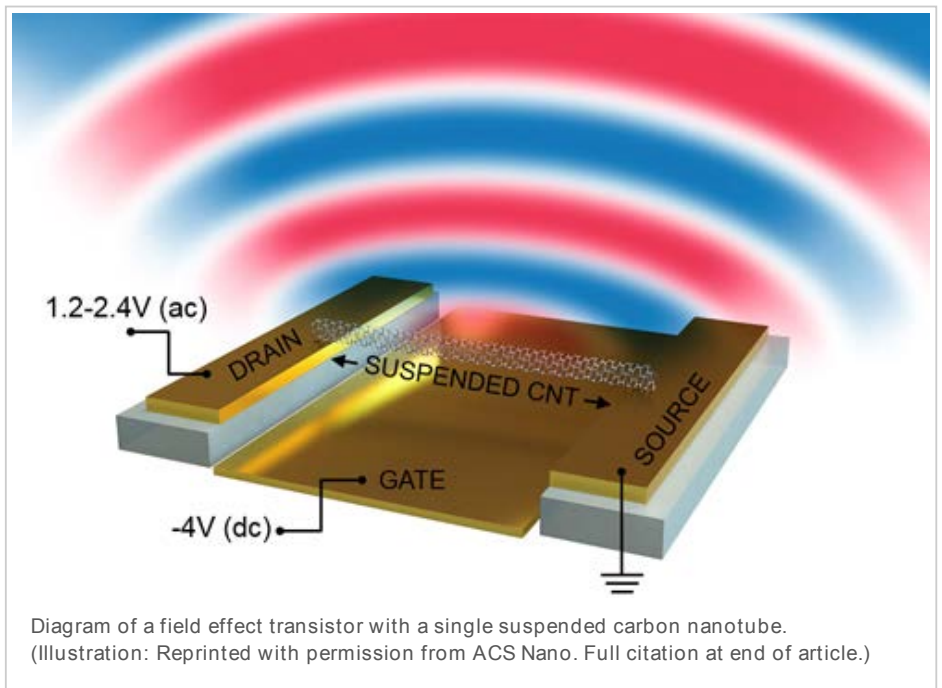
Bushmaker is leading an Aerospace Independent Research and Development project studying carbon nanotube field effect transistors (FETs), and had the assistance of intern Blake Mason last summer.

Currently, silicon FETs are used in many different digital electronic devices, but carbon nanotubes are being considered as a possible replacement for the silicon, and could provide a number of improvements, such as better switching speed and efficiency. Aerospace collaborates with professor Stephen Cronin's research group in the electrical engineering department at USC, which fabricates the devices and sends them to Aerospace to study.

While studying the FETs, the team realized that by applying an acoustic frequency AC voltage to the single suspended nanotube, the nanotube and surrounding air molecules heat up, creating a sound wave that can be detected with a commercial microphone.

These findings give important insight into thermal properties of nanoelectronic devices, and heat transport at the nano-scale in general. This research was published in a [paper](#) in American Chemical Society Nano in May 2015.

Above illustration reprinted with permission:
Thermoacoustic Transduction in Individual
Suspended Carbon Nanotubes
Blake J. Mason, Shun-Wen Chang, Jihan
Chen, Stephen B. Cronin, and Adam W.
Bushmaker
ACS Nano 2015 9 (5), 5372-5376
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Salvaggio Now PD in Engineering and Integration Division

June 19, 2015



Anthony Salvaggio

Anthony Salvaggio Jr. has been appointed principal director of the Engineering and Integration Division (E and I), Space Systems Group.

In this position, Salvaggio serves as the deputy to the general manager in leading and managing the division in support of the Space and Missile Systems Center (SMC) in general and three SMC directorates in particular. The SMC directorates are Engineering (SMC/EN), Program Management and Integration, and Financial Management and Comptroller. E and I provides lifecycle mission assurance leadership in the development, deployment, and sustainment of military space and missile systems for the warfighter.

Salvaggio joined Aerospace in 2003 as a senior project engineer in the Defense Meteorological Satellite Program Directorate. His most recent previous position was serving on special assignment to the Engineering and Integration Division where he provided technical support to SMC/EN with a special focus on the area of program mission assurance.

Salvaggio holds a bachelor of science degree in aerospace engineering from Pennsylvania State University.

Austin Announces Her Retirement Date, Diversity Award Winners

by Lindsay Chaney
June 16, 2015

In her mid-year CEO's Report to Employees, Dr. Wanda Austin announced the renaming of the Civil and Commercial Operations Group, several leadership changes, including the date of her own retirement, and the winners of this year's Excellence in Diversity Award.

Austin also recapped the past quarter's launch activity, including the work Aerospace has done to help certify SpaceX for national security space missions.

Civil and Commercial Operations will be renamed Vaeros, which Austin explained is a combination of "Aerospace" and the Latin "veritas," meaning "truth." The group will be branded as "Vaeros, a division of The Aerospace Corporation."

The purpose of the rebranding is to help attract potential civil and commercial customers who are not in the space business,

but can utilize the systems engineering and technical skills that Aerospace can bring to complex, technology-based programs.

The leadership changes Austin reported on were: the retirement of Ray Johnson, Vice President of Space Launch Operations, on July 1; his replacement by Randy Kendall, Vice President of Civil and Commercial Operations; Ed Swallow's leadership of the newly named Vaeros organization, and the promotion as of June 1 of Tim Jones to General Manager of the National Intelligence Division, National Systems Group.

Austin noted that Johnson has been with Aerospace since 1987 and lauded his service to the company throughout that time. He became a vice president in 2001 and before that served as general manager of the Launch Programs Division and prior to that as principal director of the Vehicle Performance Subdivision.

On her own upcoming retirement on Oct. 1, 2016, Austin said, "My retirement date has been set for many years now and it's designed to fulfill our commitment to leadership to ensure corporate focus on technical excellence and mission success." She went on to say, "It's been an honor for me to serve Aerospace, our customers, and our nation for 36 years. My time as president and CEO has been the highlight of my career and the most fulfilling professional experience of my life."

Austin reported that the board of trustees has formed a CEO search subcommittee, which will lead the effort to identify and appoint the next president and CEO. The search subcommittee is led by trustee and former Secretary of the Air Force Michael Donley. The search will include both internal and external candidates.

In the area of launch activity, Aerospace supported two launches during the previous quarter: the **March 25** launch of the ninth GPS IIF satellite for the U.S. Air Force aboard a Delta IV, and the **May 20** launch of AFSPC-5 aboard an Atlas V. Both



Dr. Wanda Austin, left, with Excellence in Diversity Award winners Alonzo Prater and Eleni "Sam" Sims. (Photo: Eric Hamburg)

launches were from Cape Canaveral. Austin noted that there will be several more national security launches before the end of the fiscal year, "so we're facing yet another ambitious launch campaign for this final quarter."

Also in the launch area, Aerospace worked closely with Lt. Gen. Samuel Greaves, commander of the Space and Missile Systems Center, and SpaceX to ensure that the certification process for the Falcon 9 launch system moved forward.

On May 26 Greaves announced that SpaceX's Falcon 9 system has been certified to compete for the



Tim Jones is the new general manager of the National Intelligence Division, National Systems Group. (Photo: Eric Hamburg)

award of national security space missions. Going forward, Aerospace is evaluating an upgraded version of the Falcon 9 called the "Full Thrust Vehicle," which is scheduled to fly a commercial mission in August.

Among the Civil and Commercial work under way, Aerospace is supporting the United Kingdom Space Agency in its efforts to develop a commercial spaceport. Aerospace has been evaluating potential vehicle operator requirements, legal and regulatory issues, and analysis of potential accidents at six potential U.K. spaceport sites.

Distinguished Engineer Appointment

Enold Pierre-Louis is the most recent employee to be named a Distinguished Engineer, one of the company's highest honors. [Read more.](#)

[View a video of the entire CEO's Report below.](#)

[Click here for an article about the Excellence in Diversity Award winners.](#)

[Click here for answers to questions submitted before the CEO's Report.](#)

[Video Removed]

Answers to “Ask the CEO” Questions

June 19, 2015

Following are answers to questions submitted before the CEO's Report, edited somewhat for space and concision.

Question: Knowing some of the future challenges Aerospace will face over the next five to 10 years, what advice or guidance would you give the CEO search committee as they look for your successor?

Answer: Every president that we've had has done a terrific job, but they've done it differently and they've had different challenges they've had to face. The search subcommittee will look for someone who recognizes and values that The Aerospace Corporation is a national treasure and it doesn't do anything without its people. The committee will select someone who recognizes that things change and they will have to adapt, consistent with our values and consistent with our reputation.

Question: We are approaching the one-year anniversary of the first moves into the Chantilly campus, but we still do not fly the U.S. flag. In fact, I do not see any flagpole on the campus at all. Is there a reason Aerospace does not fly the American flag here in Chantilly?

Answer: There are two flagpoles planned for the Chantilly campus: one for the U.S. flag, and one for the Virginia state flag. The foundation for the flagpoles is already in place, and the installation of the pole anchor bolts is scheduled for the near future. The flagpoles will be in place and flying the flags in FY2016.

Question: What specific action is the corporation taking to reduce water consumption during this drought in California?

Answer: Over the past few years we have been very sensitive to the drought situation. We have been using gray (recycled) water for all of our landscaping needs at the El Segundo campus, including buildings D8 and D10. This recycled water is provided by The City of El Segundo. Currently we have gone out to bid for landscaping designs that will utilize drought-resistant plants and a drip irrigation system. After the Gas Company completes their work at the El Segundo Boulevard site we hope to begin this conversion along the perimeter berm.

In addition, we have changed the chemicals used in the cooling towers, which will allow us to use approximately 35 percent less water. When the new A1 building was constructed, all of the restroom fixtures installed were the low-flow type. The upgraded restrooms in D8 were also installed with water-conserving systems. Currently all of our designs for upgrading specific restrooms on campus will include fixtures that use less water.

Question: Would the skill set that comes with gaining an MBA be value-added as it pertains to leadership and management at Aerospace? Also, are there some common experiences that leaders within the company possess? What does Aerospace look for when developing and acquiring leaders?

Answer: You will find that leaders here at Aerospace, who could be managers or technical staff members, have a variety of backgrounds and experiences. An MBA is not necessarily required to be successful at Aerospace, but it could be helpful depending on the area you want to concentrate on (e.g., operations, civil and commercial work, etc.) or if you want a better understanding on how a company works. One common experience that leaders possess here at Aerospace includes working in a variety of areas and/or programs across the company. Having a breadth of experience is very valuable to the corporation and our customers. Being flexible, having learning agility, working well in teams, and being able to work through ambiguity are traits that have served our leaders well. To be considered for a promotion, probably the most important thing is to be doing your current job well.

Pierre-Louis Named Distinguished Engineer

June 17, 2015

Enold Pierre-Louis, senior project leader, Environment and Tests Assessment Department is the latest Aerospace employee to receive the prestigious title of Aerospace Distinguished Engineer. Pierre-Louis was last year's recipient of the Trustees' Distinguished Achievement Award.

The Distinguished Career Recognition appointment is one of the highest honors an employee can receive at Aerospace recognizing outstanding technical achievements and contributions. In addition to Pierre-Louis, 13 Aerospace employees that have been re-nominated as Distinguished Career recipients.

The honor for Pierre-Louis and recognition of the 13 re-nominated employees were featured in the June 16 CEO's Report to Employees.

The re-nominated employees are:

- Dr. Terrence Lomheim, Sensor Systems Subdivision;
- Dr. Rokutaro Koga, Space Science Applications Laboratory;
- Dr. Ronald Hopkins, System Analysis and Simulation Subdivision;
- Thomas Oldenburg, National Space Systems Engineering;
- Dr. Robert Dybdal, Communication and Cyber Division;
- Dr. Sergio Guarro, Systems Engineering Division;
- Dr. Gary Stupian, Electronics and Photonics Laboratory;
- Dr. Johnson Wang, Vehicle Performance Subdivision;
- Dr. Felix Hoots, Systems Analysis Simulation Subdivision;
- Dr. James Camparo, Electronics and Photonics Laboratory;
- Dr. Boyd Carter, Electronics and Photonics Laboratory;
- Dr. Eric C. Johnson, Space Materials Laboratory; and
- Dr. Nat Bhaskar, Missile Defense and Space Sensors Division



The Hon. Robert Walker, left, presented the Trustees' Distinguished Achievement Award to Enold Pierre-Louis on Sept. 18, 2014. (Photo: Elisa Haber)

Two Named 2015 Excellence in Diversity Award Winners

June 16, 2015

The two winners of the 2015 Excellence in Diversity Award are Eleni "Sam" Sims, project engineer, Agile Space Acquisition and Implementation, based in Albuquerque; and Alonzo Prater, manager, Battery Evaluation, Energy Technology Department in El Segundo.

The Diversity Award was created in 2004 to recognize individuals whose contributions and behavior demonstrate exceptional support of Aerospace's corporate commitment to supporting and celebrating diversity in the workplace.

The award was announced by Dr. Wanda Austin following the mid-year CEO's Report to Employees.

Sims was cited by the Diversity Awards Committee for "demonstrating an exceptional and effective commitment to developing and improving workforce diversity throughout her career." Prater was cited by the committee for his "broad corporate leadership, volunteer efforts in support of workplace diversity, and outreach to the greater community, including K-12 STEM."

Sims has worked tirelessly to increase student participation in science, technology, engineering, and mathematics programs, especially among underrepresented groups. These activities have included delivering presentations to students at the Laguna Pueblo schools to help increase interest in STEM careers within the Native American community; taking part in the TechGYRLS program at Jackson Middle School, which is designed to help broaden the knowledge and perspective of young women by helping them develop confidence in using technology; assisting in the organization and operation of the Onate Elementary School science fair; and giving presentations to STEM students at the University of New Mexico Valencia campus.

Prater has chaired the Robert H. Herndon Memorial Science Competition for the past four years; under his leadership the



Alonzo Prater, left, and Eleni "Sam" Sims are the 2015 Excellence in Diversity Award recipients. (Photo: Eric Hamburg)

event has grown significantly. He developed a Herndon Science Competition Roadshow that traveled to middle schools and high schools to give presentations to students and teachers about The Aerospace Corporation and the Herndon Science Competition. In addition to his work with the Herndon competition, Prater has personally mentored students and engineers, and has taken leadership roles in company-sponsored diversity programs and organizations such as the Aerospace Black Caucus, the Aerospace Diversity Action Committee, and the AEA board of directors.

Awards and Recognitions, Spring 2015

by Matthew Kivel
June 15, 2015

Aerospace employees frequently earn recognition for their professional accomplishments. This Orbiter feature acknowledges those honors and awards, including the publication of books. To nominate someone for consideration in this section, send details of the award in a timely fashion to orbiter@aero.org, or contact Matt Kivel at matthew.k.kivel@aero.org.

Dr. Wanda Austin

Dr. Wanda Austin, president and CEO, was presented with the Woman of the Year award by the MUSES, an organization that supports the California Science Center and its youth education programs.

“For over 50 years THE MUSES has recognized women in science, technology, engineering and mathematics,” said the MUSES president Patricia McGovern. “This year we honor Dr. Wanda Austin who has excelled in all of those STEM disciplines during an illustrious career.”

The award was presented during a fundraiser luncheon at the California Club in downtown Los Angeles on May 27.

The Aerospace Corporation

The Aerospace Corporation has been honored by Chief Learning Officer magazine, receiving the publication’s Gold LearningElite Ranking – one of the organization’s highest distinctions.

The LearningElite program honors “the best organizations for learning and development” by recognizing “those organizations that employ exemplary workforce development strategies that deliver significant business results.”

Peter Phillips

In April, NASA Goddard Director Chris Scolese presented Peter Phillips, systems director, Joint Polar Satellite System Ground Segment, with the Robert H. Goddard Exceptional Achievement for Customer Service Award. Phillips was honored for his superior customer service and significant contributions to the success of three high-visibility, interagency missions: Suomi NPP, Landsat 8, and GOES-R.

UPDATE June 22: Earlier versions of the Awards and Recognitions, Spring 2015 column contained erroneous information about the Goddard award for which Phillips was honored.

Dr. Robert Kinsey

Dr. Robert Kinsey, senior project leader, Planetary and Robotics Missions, was honored during the Jet Propulsion Laboratory’s Advanced Concepts Design Team (Team X) 20th anniversary celebration on March 5. The award Kinsey received recognizes his contributions to more than 500 studies as a member of Team X.

Team X is a cross-functional multidisciplinary team of engineers that utilizes concurrent engineering methodologies to complete rapid design, analysis, and evaluation of mission concept designs.



A few of the flown missions that Kinsey studied with Team X include MRO, MSL, SMAP, DAWN, and Kepler. Concepts that Kinsey has studied with Team X, but have not yet flown include: missions to every planet in the solar system, a variety of astronomical telescopes, an asteroid retrieval mission, and a Mars sample return mission.

Darlene Daniels

In honor of Women's History Month, Darlene Daniels, benefits specialist IV, Retirement and Annuity Plans, was recognized by El Camino College as one its 10 "Women of Distinction" for 2015. Daniels was honored for her professional accomplishments, philanthropic work for autism, and community service.

Daniels received a certificate of recognition during El Camino's Women's Wall of Fame Reception, which was held on May 5. Her name has been engraved on a plaque that will remain permanently on the Women's Wall of Fame.

Thomas Jasin

Thomas Jasin, principal engineer, Advanced Studies and Analysis Directorate, has received the 2015 NASA Exceptional Engineering Achievement Medal for his distinguished multi-disciplinary engineering contributions to the development of NASA missions.

Jasin was primarily honored for his tireless analysis, anomaly investigation, trend analysis, and risk mitigation activities related to the use of the Northrup-Grumman Scalable Space Inertial Reference Units (SSIRU) on the Global Precipitation Measurement (GPM) mission.

The NASA Exceptional Engineering Achievement Medal is awarded to both government and non-government individuals for exceptional engineering contributions toward achievement of the NASA mission.

Dr. William F. Ballhaus, Jr.

The USC Viterbi School of Engineering has named an award after former Aerospace President and CEO Dr. William F. Ballhaus, Jr. The William F. Ballhaus, Jr. Prize for Excellence in Graduate Engineering Research recognizes the best doctoral dissertation from all eight departments of engineering at USC Viterbi.

The 2015 USC Viterbi Ph.D. Hooding and Awards Ceremony was held on Thursday, May 14. During the event, the inaugural William F. Ballhaus, Jr. Prize was awarded to Seyedhamed M. Barghi, for his dissertation entitled "Hydrogen Storage in Carbon and Silicon Carbide Nanotubes."

Employees Celebrate 55 Years With Cookies and Cameras

June 08, 2015

Most of the time Aerospace is occupied with solving tough technical problems and assuring mission success. But on Thursday, June 4, employees took on a lighter task — celebrating the 55th anniversary of the company with cookies and cameras. Check out the selection of photos submitted by your colleagues, and don't miss the videos at the bottom.

This is just a sampling of some great photos shared by Aerospace staff; you can see everything in [AeroLink](#).

Happy 55th anniversary Aerospace!



Tony Battelle displays the 50th and 55th anniversary cookies. "I never lose my cookies."



Amy Koenig and Lisa Barnum of the Inclusion and Equal Opportunity Office show an "affinity" for Aerospace anniversary cookies.



Representing the center of the country is Aerospace intern Renee Bahr in Albuquerque, NM.



Has a thorough loads analysis been completed for that cookie to make sure it can survive the stresses of launch?



Chantilly employees showed their style in a photo booth for the 55th. Brent Johnson, Ellen Baum, and Melvin Parker are pictured here; more of your colleagues can be seen in the AeroLink folder.



Eschewing the wild and festive approach taken by the Chantilly gang, these Crystal City employees favored a more classy treatment. "Bow Tie Thursday" by Jim Grover, Matt Kanter, and David Mayo.



55 years in the front, with a bunch of Aerospace logos in the back. The Embedded Control Systems Department in the courtyard of building D8 in El Segundo.



CorpComm, Cookies, and Cubicles



Software Systems Assurance Department: The only group that seems to know what cookies are actually for — eating!



Finance and Business Operations wins the prize for getting the most people in a photo. We're glad such an organized bunch is handling the corporation's finances!

AFCU Joins In Aerospace's 55th Festivities

by Kimberly Locke
June 09, 2015

It was a celebratory atmosphere as Ray Johnson, Vice President, Space Launch Operations, and chair of the Aerospace Federal Credit Union (AFCU) Board of Directors, joined Marvin Thomas, AFCU President and CEO, at a cake-cutting ceremony held June 9 in recognition of Aerospace's 55th anniversary.

The two were joined by Aerospace and AFCU employees for the event, held in the credit union office in El Segundo. Johnson commented that AFCU has served Aerospace employees and retirees faithfully since 1961. "That hasn't always been an easy feat given the high standards our employees expect from a financial institution," he said.

Thomas congratulated the corporation on 55 years of innovation and assuring space mission success. “Without the corporation and its extraordinary employees, AFCU would not exist,” said Thomas. “We are proud to call Aerospace employees our members and part of the AFCU family. We look forward to providing our customers with outstanding service for many years to come,” he added.

The AFCU festivities were part of fun celebrations all over the company, as evidenced by the photo below.



Marvin Thomas, second from left, and Ray Johnson, second from right, are joined by other Aerospace and credit union employees at a celebratory cake cutting in honor of Aerospace's 55th anniversary. (Photo: Elisa Haber)



The cake was the star of the noontime event. (Photo: Elisa Haber)



Despite going over the speed limit, Security was late to the party in getting their 55th photo in. Check out the [AeroLink folder](#) for a few more late arrivals and some additional credit union cake-cutting pictures.

Goodman Presents at UCLA Anderson Forecast

by Matthew Kivel
June 03, 2015

On Tuesday morning, June 2, the UCLA Anderson Forecast hosted its quarterly U.S. and California Economic Forecast Seminar, an invitation-only prelude to its public Forecast release the next day.

The seminar took place at the UCLA Anderson School of Management and featured presentations by The Anderson Forecast's quartet of economic experts (Edward Leamer, David Shulman, Jerry Nickelsburg, and William Yu), a housing market discussion led by Los Angeles County Assessor Jeffrey Prang, and individual industry discussions with Aerospace Senior Vice President Dr. Wayne Goodman and PricewaterhouseCoopers Business Development Leader Mike Quindazzi.

Most of the presentations were academic and statistically dense, yet suffused with enough allusions to popular culture and current events to make the material, at times, very entertaining. Presenters covered topics ranging from interest rates and unemployment to Silicon Beach and the Southern California film industry. The formal nature of the prestigious event was tempered by the presenters' consistent tendency to engage in conversation and debate with the seminar attendees.

During his presentation, Goodman spoke broadly about the economic and structural trends that are currently defining the aerospace and defense industries. He answered a host of questions and spent a significant amount of time explaining the effects of industry-specific concepts such as disaggregation of space architectures, space situational awareness, and the global dependence upon GPS technology.

The seminar was followed by a luncheon, which allowed attendees to further discuss pertinent economic issues in a more casual setting.



Dr. Wayne Goodman discusses the state of the aerospace and defense industries at the UCLA Anderson Forecast Seminar. (Photo: Matthew Kivel)

June 2015 Obituaries

by Carolyn Weyant
June 01, 2015

Sincere sympathy is extended to the families of:

Reges Emidio, member of the administrative staff, hired Feb. 5, 1963, retired Dec. 1, 1988, died May 12.
Audrey Holland, secretary, hired Oct. 16, 1961, retired Nov. 1, 1990, died May 1.
Arthur Luine, member of the technical staff, hired Dec. 4, 1961, retired Sept. 1, 1987, died April 24.
Paul Margolis, member of the technical staff, hired Dec. 18, 1972, retired Dec. 1, 1990, died May 2.
David Norris, member of the technical staff, hired June 13, 2005, retired Jan. 1, 2010, died Feb. 25.
Francis O'Leary, member of the technical staff, hired Feb. 13, 1961, retired Aug. 1, 1984, died Feb. 14.
Fred Roosen, electrician, hired April 28, 1980, retired Feb. 1, 1994, died May 13.
Rudolph Swigart, member of the technical staff, hired July 25, 1966, retired July 1, 1994, died March 26.
Walter Taylor, member of the administrative staff, hired Oct. 25, 1960, retired Aug. 1, 1981, died April 24.
Lloyd Watson, manager, hired Jan. 30, 1961, retired Jan. 1, 1984, died March 24.

To notify Aerospace of a death and have it included in the Orbiter, please contact Cynthia Johnson in Human Resources at 310-336-5806.

June 2015 Anniversaries

by Carolyn Weyant
June 01, 2015

5 YEARS

Engineering and Technology Group: John Akins, James Bardeen, Marke Beasley, William Cox,
Christian Dimpfl, Edward Dowling, Susan Hastings, Matthew Lum, Eric Nemanick, Nora Spring,
Stanislav Stanev, Vlad Tatulescu

Operations and Support Group: Justina Demello, Walter Sturrock, Krystina Tsukamoto

Space Systems Group: Scott McLean

Systems Planning, Engineering, and Quality: Andrew Read

10 YEARS

Civil and Commercial Operations: Meesha Hardy, Robert Luter

Engineering and Technology Group: Kevin Gaab, Lynette Gelinis, Thomas Horton, David Meshel,

Jennifer Lee, Katrina Lyons, Lola Peterson, David Pietrowski, Eric Richter, David Sandkulla, Timothy Smith, David Witkin, Lan Xu

National Systems Group: Bennett Corrado, Michael Duffy

Space Systems Group: Michael Cole, Scott Nuccio, James Thompson, Michael Trafton

15 YEARS

Civil and Commercial Operations: Stephanie Loverro

Engineering and Technology Group: Vahagn Petrosyan, Ken Piper

National Systems Group: Charles Robinson, Carol Thompson, Lara White

Operations and Support Group: Lorraine Aguirre-Coray, Theresa Davis, David Pacheco, Alvania Thompson

Space Systems Group: Tiange Fan, Scott Huntington, Maryann Hutchison, Shawn Iravanchy,

Kenneth Lau, Eric Lloyd, Robert Seibold, Andrew Walther

Systems Planning, Engineering, and Quality: Richard Boller, Vernon Tryon

20 YEARS

Engineering and Technology Group: Gary Lin, Joel Thomas, Wayne Vanlerberghe

National Systems Group: Stephen Stoops

Operations and Support Group: Cheryl Dematteis

25 YEARS

Engineering and Technology Group: Yat Chan, Sonia Henry

Operations and Support Group: Damon Rogers, Tobey Sanders

Space Systems Group: Victoria Flaskerud, Jeffery Ramos

30 YEARS

Engineering and Technology Group: Timothy Bell, Tammy Choy, Melvin Cutler, Laura Taul

National Systems Group: John Gladwell, Brian Von Kleeck

Space Systems Group: Michael Bolla, Steven Crane

35 YEARS

Engineering and Technology Group: Steven Hast, Mark Jensen, Robert Shintaku

National Systems Group: Andre Montoya

Space Systems Group: Richard Gerardi

40 YEARS

Engineering and Technology Group: Paul Carranza

Space Systems Group: Lynda Bergmann

Systems Planning, Engineering, and Quality: Jessie Moore, Evelyn Washington

June 2015 Notes

by Carolyn Weyant
June 01, 2015

A note of appreciation to fellow employees and Aerospace for thoughtfulness and sympathy have been received from:

Hope Turney, on the recent passing of her mother, Rachel Braxton.

To submit a note of appreciation to Aerospace, please contact Valerie Jackson in Human Resources at 310-336-0891.