

TRA's

No Name

GAZETTE

For Northrop Grumman & TRW legacy Retirees

VOL. XXI NO. 6

September 2009

Election Time at TRA! Please Vote

HAPPENINGS AT NORTHROP GRUMMAN



By Frank Warren

Integrated Systems Sector (NGIS)

► LONDON — NGIS, as one of the four member companies forming the North European Air Traffic Management Industry Group, has been awarded funding from the European Community and EUROCONTROL

to participate in a research program to streamline and modernize air traffic management in Europe.

Aerospace Systems Sector (NGAS)

► REDONDO BEACH, CA — NG Space Systems Division has inaugurated a critical tool that will reduce the risk associated with developing the spacecraft for the National Polar-orbiting Operational Environmental Satellite System (NPOESS) program. The Electrical Engineering Model Test Bed is a high-fidelity electrical model of the NPOESS satellite, consisting of subsystem engineering models and sensor engineering development units integrated in a flight-like electrical configuration. It is capable of "test as you fly," real-time, closed-loop testing to validate the spacecraft design and substantially reduce risk during integration and test. The spacecraft design will be validated through continuous testing as the subsystems are added to incrementally build up the test bed over the coming months.

► SAN DIEGO, CA — NGAS's RQ-4 Global Hawk unmanned aircraft system reached a major milestone — 25,000 combat hours — during an operational sortie July 8-9. First flown in 1998, Global Hawk has logged 1,229 missions so far in support of Overseas Contingency Operations and disaster relief efforts. It has seen service in Operations Enduring Freedom (Afghanistan) and Iraqi Freedom, and in several U.S. and international joint forces exercises. It has also provided support during Hurricane Ike and California wildfires.

Each Fall the TRA nominates its Officers and Members-at-Large for the coming year. Then it's your responsibility as members to ratify these nominations or nominate other candidates. By nominating just one candidate for each position, we avoid the disappointment that can happen when a person agrees to run, then does not win the election.

Officers serve for a one-year term, while the Directors-at-Large are elected for two years. These longer terms for the latter group help bring continuity to the management and daily operation of the TRA. Directors-at-Large are limited to six successive years (three terms) while Officers may serve only two consecutive terms, with the exception of the Treasurer, who may serve up to five consecutive terms.

Please take the time to vote. Your votes show that you support the nominating committee and those other hard-working individuals that help make the TRA strong.

You can vote by e-mail or by completing the enclosed ballot and mailing it in. Just follow the instructions on the ballot.

Electronics Systems Sector (NGES)

► ROLLING MEADOWS, IL — NGES announced the formation of a strategic alliance with SELEX Galileo, a Finmeccanica company, to compete for the U.S. Army's Common Infrared Countermeasures (CIRCM) program. CIRCM is intended to provide the U.S. military with a laser-based infrared (IR) countermeasures solution against current and future IR threat systems. For the CIRCM program, the Northrop Grumman-SELEX Galileo team has integrated the ECLIPSE micro pointer/tracker with a processing and laser countermeasures capability to produce a 4th generation lightweight, highly reliable Directional Infrared Countermeasures (DIRCM) system specifically designed for medium and light helicopter protection. An ECLIPSE development model was integrated with the Northrop Grumman Viper IRCM laser, processor and missile warner in a highly successful live fire demonstration in 2008 at the Tonopah Missile Range in Nevada. In this test, the ECLIPSE prototype micro pointer/tracker successfully acquired, tracked and defeated an infrared missile in flight.

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TRA for Northrop Grumman Retirees

TRA (The Retirees Association) welcomes the retirees of Northrop Grumman and TRW. The No Name Gazette is our official publication. Our offices are in Building E2 at Space Park

2009 OFFICERS

Bob DollPresident
 Jack TrostVice President
 Jack WilliamsTreasurer
 Bob Beach.....Secretary
 Budd CohenImmediate Past President

2009 DIRECTORS-AT-LARGE

Darrell Ausherman
 Ira Green
 Al Hausrath
 Les Hromas
 Bob Rupkey
 Betty Stover

By Mail: Contacting TRA

TRA, P.O. Box 1276, Redondo Beach, CA 90278
By Phone:

310-813-7745 (Our office is staffed only a few days a week. Please leave a message and we will get back to you.)

By E-mail:

TRA@tra-spacepark.org Your e-mails will be routed to the appropriate source. And, if we have your e-mail address on file, we send out special alerts at infrequent intervals. To get on the TRA e-mail list, just send us a brief e-mail requesting to be added to it.

By Web Page:

Our web page is at www.tra-spacepark.org. It is an excellent source for the latest news, lists of the new retirees, travel details, party photos (more than get into the NNG), forms of all sorts, personal photographs, and much more. Come in and browse.

For Membership:

TRA Membership is open to all Northrop Grumman and TRW legacy retirees at \$7 per calendar year. First year free. Application on web page or call 310- 813-7745 and leave a message.

NG/TRW Retiree Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S Park Patio Cafe, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m. E2, Rm 1200.	No reservations needed. All Members Welcome
ATD	Alpine Village, Torrance, CA	11:40 a.m. 1st Monday in November	Social, Nostalgia and Lunch	Don Brown, Sandy Friedfeld, Bob Traylor 310-541-1917 or sandjol@aol.com
Brevard Retirees	Various Locations in Brevard, NC	1st Tues. 8 a.m. 3rd Tues. 5 p.m.	Social	Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	2nd Monday Various times	Social	George Zaiser 805-343-2631 gzais@msm.com
Huntsville Chapter	Call for Location (It's Complicated!)	2nd Tuesday 11:30 a.m.	Social	Jim Troy 256-534-7136 troys@comcast.net
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 fiftysumthn@aol.com
Northern Virginia	JR's Stockyard Inn, McLean, VA	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
Ogden	Cracker Barrel Restaurant Layton, UT	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.net
San Bernardino	San Bernardino Golf Club		Social plus programs of interest	Joe Daruty 909-792-8022 jdaruty@aol.com
San Diego Chapter	Event Dependent	3rd Tuesday	Social or Board Meeting http://sandiego.tra-spacepark.org	Jim Denton 858-385-0150 JWDenton@sbcglobal.net
Temecula Valley	Crivello's Restaurant Wildomar, CA	Third Wednesday Lunch	Social	Maureen Locken 951-244-7654 maureen_locken@yahoo.com
The Mountain Folks	Various Locations in the Denver Area	First week of each quarter	"We do have fun!"	Carl Wikelman 303-693-0034 winkelman@att.net
TRIN	Bldg E2, Room 1200 Space Park	2nd Thursday 2:00 p.m.	Investment Info based on monthly newsletter reviews	Mike Pauls 310-379-2707 lmikep@earthlink.net
TRW Retirees of the Desert	Sloan's Steak House Indio, CA	Every Tuesday 1:00 p.m.	Social and Nostalgia trwdesertretirees.blogspot.com	Joe Clopton 760-342-8171 joeclopton@dc.rr.com
The Ventura County Romeos	Du-Pars Thousand Oaks, CA	1st Tuesday 12:00 noon	Social	Fred Blaich 805-499-0012 harrison_stroud@hotmail.com

Bob Crowe

1931-2009



Bob Crowe of Manhattan Beach, California, died on August 11, 2009 at the age of 77. He was born in Mason City, Iowa, on September 11, 1931. Bob served four years in the U.S. Navy as a corpsman during the Korean War.

After his Honorable Discharge from the Navy in 1955, Bob earned a degree in Journalism from San Jose State University. He began employment at STL, Redondo Beach, CA, as a Journalist in 1960. His first assignment was internal communications where he was in charge of the Readout and SenTinel, a name he chose to reflect the company name at that time (STL). Later he moved into the Human Resources field and retired as a Senior Human Resources Manager in 1987.

Upon retirement from TRW Bob co-founded the TRW Retiree Association (TRA). He was the organization's first president, and also editor of its newsletter. He named it The No Name (As Yet) Gazette, which reflected his great sense of humor. One of the most read features of the Gazette was Bob's column called Mail Pouch, where he cleverly reworded contributions from the TRA membership. Even after he found another editor to take over the Gazette, he continued to write this popular column until October 2007 when his medical problems prevented him from spending much time at his computer.

Bob continued his great interest in TRA, serving many two-year terms as a director, and was an active advisor to the Board and its officers up to the time of his death.

He is survived by his wife of 29 years, Susan Crowe, stepdaughter Jennifer Wozniak, son-in-law Richard Wozniak, stepson Victor Loera, daughter-in-law Michiko Loera, stepdaughter Michelle Loera Sebens, son-in-law Jeff Sebens, brother John Crowe, sister-in-law Elberta, nephews Steve and Jim Crowe and their families, sister-in-law Genie Addleman, brother-in-law Jon Addleman, sister-in-law Cammie Costello, nephews Robert and Michael Costello and their families.

Services were held at on August 26, 2009, at the Calvary Chapel of South Bay in Gardena, CA, followed by interment at Riverside National Cemetery in Riverside, CA.

TRAUel News

October 20-22, 2009

Laughlin

Betty Kay ~~CANIS~~ 310-379-6988

This Laughlin trip for October 20-22, 2009 is cancelled. Please contact Kelley Martin (agent for Betty Addis) @ 310-383-2777 for reservation refunds.

New TRA Members

We welcome the following new members who have joined TRA.

- | | |
|-----------------|----------------|
| Linda Pressley | Gardena, CA |
| Gary D. Smith | Long Beach, CA |
| John Theodosiou | Torrance, CA |

We hope to meet you all. TRA members are invited to our three annual reunions: the Summer Annual Meeting held at Space Park, a holiday party usually at the Ports O' Call restaurant, and a Spring Fling held in honor of Alice Lord at the Proud Bird restaurant. Specific group retirees' meetings held throughout the United States are listed in the NNG.

In addition to these meetings, there are other ways to become involved in TRA activities. Available to work on the Archives? TRA retirees are always needed to catalog and file the archives of the company's past activities which are located in the TRA office (E2/B114). That busy group meets on Wednesdays at Space Park.

Like to help with parties? Our Activities Committee can always use your help.

Even if you don't live in Southern California, TRA can use your help. This newsletter always needs writers; just contact the editor for possible assignments. Like to browse the web? Our web site needs helpers also. Are you active in one of our off-site retiree groups? Then become a reporter, sending us occasional articles on their doings.

The volunteers of the TRA board hold regular meetings on the third Thursday of each month at 1:30 in Building E2 at Space Park. To provide an open forum for new ideas and suggestions TRA members are invited to attend these meetings.

TRA does not receive the names of NG retirees, so if you know of fellow retirees who would be interested in joining TRA, just drop an email (membership@tra-spacepark.org) or note to TRA (P.O. Box 1276, Redondo Beach, CA 90278).

CANDIDATE BIOGRAPHIES

BOB BEACH: Bob retired in Aug. 1991 after 36+ years of service. He has been active with TRA since his retirement. He is an avid hiker, backpacker and peak climber and actively works with the Boy Scouts and the Sierra Club. Bob is the Secretary of TRA.

ROBERT DOLL: Bob has spent most of his 30 years at TRW/NGC in the Grounds Systems Department of the Hardness and Survivability Laboratory. More recently he has supported cryocooler flight vibration testing and dynamic loads analysis for Titan IV and Delta IV boost vehicles for Launch Systems Integration. He obtained his BSME from CSU Los Angeles, MSME from USC, and PhD from UC Berkeley. He retired in 2004 and is the President of TRA.

IRA GREEN: Ira began work in 1964 in the Space Sciences Lab in STL in Space Physics and was involved with numerous space-craft launches and experiment data analysis. Forty years later in 2004 found Ira managing the group providing network security and computer networking and busy integrating that function into the Northrop Grumman infrastructure, and then retiring. He is active on the finance committee of the Palm Springs Tennis Club, Treasurer and Manager of the Tract 2578 Condominium Association, Vice President of the Surfside III Condominium Association, and Treasurer of the Northrop SPSC Video Association. He also stays busy by being secretary for two Czech Organizations, American Sokol Los Angeles and American Czech Association. He loves to travel. Ira is currently a Director-at-Large for TRA.

LES HROMAS: Les joined TRW in 1959 after receiving his PhD from Purdue University. He retired from TRW in 1993 as the Manager of the Propulsion and Fluid Mechanics Center. He was involved during his career with ICBM missile design, missile defense systems, satellite propulsion, ocean technology and energy resource development. He received the David R. Israel award from the MDA for defense systems development. He has been assisting in the orientation process for Space Park new hires. Les is a Director-at-Large for TRA.

ROSE MARIE A. KEIDEL: Born in Buffalo, New York, and raised in Los Angeles, Rose Marie joined STL in 1961 and left in 1965 for her first baby. After raising five children with Richard Keidel, she returned to TRW in 1979 and put in 18 more years. She retired in 1997, and works with the Archive Committee because of all the "Wow!" stuff being handled.

LEE LEVENTHAL: Since his retirement from TRW in 1982, Lee Leventhal has been busy. He has been active with the TRW Retirees Association since September of 1989. He is an active member of the PLATO Society at UCLA, where he is continuing his education and participates in discussions on subjects important to our times. At PLATO he has also been Chairman of the Computer Committee for several years and participates in all the major events of the Society. At the TRA he has been the keeper of the database with the able assistance of Frank Ferren. He has also served as Secretary, Treasurer, Vice-president, President, and Director-at-Large of TRA. At present his outside activities have been more limited but he still manages to play duplicate bridge once a week where he assists the group director and maintains the records of the players. He cannot get away from the computer and at PLATO he also maintains the database. He maintains a close relationship with his children and grandchildren, still keeps a collection of wines and attends occasional wine tastings with the SPSC Enology Club.

JACK TROST: Jack retired from TRW in 1995 after serving 34 years with the company. In addition to his systems engineering contributions to the ballistic missile and spacecraft programs, Jack developed the Fluid Mechanics Laboratory (building 67) where he directed experiments in many of the company's first high-energy chemical lasers. He received a BS in General Engineering from UCLA and an MS in Aerospace Engineering from USC. He was president of the TRW/SEA square dance club, Pioneer 8's. Jack is a docent at the Los Angeles Maritime Museum and he serves on the board of the Peninsula Symphony Association. He is TRA membership chairman and Vice President of TRA.

JACK WILLIAMS: Jack retired in 1991 after 33 years of service. Most of his years at TRW were spent in Facilities management and as an Executive Administrator in DSG/SIG. He has been active in TRA, serving in many positions, including President and Secretary. He is Treasurer, and a member of the Archives Committee. Jack and his wife Ann are active in their church, are members of the South Bay Genealogy Society, and Jack is President of a ski club. They enjoy traveling and gardening, when time permits.

HAPPENINGS

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▶ WOODLAND HILLS, CA — NGES's Scalable Space Inertial Reference Unit (Scalable SIRU) has been selected by EADS Astrium GmbH for use aboard the BepiColombo mission to Mercury. Northrop Grumman's Navigation Systems Division will provide its space-qualified, flight-proven Scalable SIRU for use on the Mercury Planetary Orbiter spacecraft. The Scalable SIRU is an inertial reference system that supplies critical data that enables the stabilization, pointing and attitude control of satellites and space vehicles. BepiColombo is a collaborative mission between the European Space Agency (ESA) and the Japan Aerospace Exploration Agency (JAXA). Its goal is to explore the planet Mercury, which presents unique challenges due to the planet's close proximity to the Sun. The Mercury Planetary Orbiter will study Mercury's surface and internal composition to help scientists better understand the planet and its formation. The BepiColombo mission is scheduled to launch in 2013 and arrive at Mercury in 2019, where it will spend one to two years gathering data.

MORE MAIL POUCH

Continued from Page 6

Morris, and Paul Jordan in the planning and execution of our events. Jim recently "retired" from being the President of his Country Club and is now attempting, once again, to become a golfer. He was honored earlier this year by being named to the Rancho Bernardo Hall of Fame for several years of community service, most notably as the Chairman of the Community Planning Board. Jim and his wife, **Carol**, (nee Scott, at STL) have a great retirement life in San Diego and welcome any and all to get in touch with us if they are visiting the area♦♦♦**Pat** (and **Mike**) **Roberts** are still loving the desert after nine full years in Henderson, Nevada. Pat most recently worked for Silver State Bank, which failed, and before that, Silver State Mortgage, which failed. No more companies with Silver State in their name! Now collecting unemployment, she is keeping busy volunteering several times a week at the Henderson Green Valley Library. And still too young to fully retire, she is seeking work for a fifth career, perhaps at the library. Meanwhile, husband Mike changed jobs, after two years as the famous "Mr. Kooky" sales manager of Kooky Klicker Pens. Mike is now back in the home office as a sales director for California Creations, maker of those cute little wind-up toys you see at Borders Books and other retailers. Mike loves toys! Is this his fifth or sixth career? Pat has lost count. They swim every day in the backyard pool after the sun dips over the wall. In the fall, when the pool gets cold, they return to walking daily instead. Pat can be reached at: najat2@cox.net♦♦♦♦

IN MEMORIAM

Name	Date of Death
Ray D. Beachler	May 18, 2009
Wilfred Cowell	May 26, 2009
Robert V. Crowe*	August 11, 2009
William F. Faulds*	August 25, 2009
Igor Krasny	August 25, 2009
Lawrence E. McGauley, Sr.	June 14, 2009
Elmer H. Parsons Jr.	August 21, 2009
Murray Phariss	July 31, 2009
Gary A. Rader	December 8, 2008
Don Sargent Roberts*	February 8, 2009
Daniel R. Scally*	August 17, 2009
Patricia Ann Smith-Jones	April 11, 2008

*Check TRA's web page (www.tra-spacepark.org) for the obituary of this individual. Scroll down to near the bottom of the web page and you will find "In Memoriam." Inside this section are the obituaries.

The first step in notifying Northrop Grumman of a retiree's death is to call the Benefits Service Center at 800-894-4194. For many retirees, there is a Burial Benefit which will be paid to the beneficiary upon proper notification of death. However, due to privacy laws, the Benefits Center does NOT notify the TRA of the death.

If you know of a deceased retiree that should be included in the "In Memoriam" column in future NNGs, please submit the following by mail or e-mail to the TRA office: name of the deceased; date of death; and name of person submitting the information.

Important Contacts for Retirees

Northrop Grumman Benefits Center

www.benefits.northropgrumman.com

Select "Retiree Connection"

Or by phone: 800-894-4194

Here you can get help on health benefits, pensions, savings, and to report a death. It's all voice activated, so just listen to the instructions and answer the first few questions to reach a representative.

Express Scripts (Rx)

www.express-scripts.com

800-655-1971

Northrop Grumman Benefits Services

(Space Park)

800-537-7694

One Space Park, S/2451
Redondo Beach, CA 90278

The No Name Gazette is the official publication of TRA. It is published seven times a year,

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Al Hausrath, Editor.

Frank Warren, Contributing Editor

Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers.

Lee Rathbone, and Karin Petersen, Copy Editors.

TRA

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Redondo Beach, CA 90278

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**Ballot Inside
Please Vote**

**The next NNG will be mailed
in November**

THE MAIL POUCH

◆◆◆**Chuck Sarture** forwarded an email from **George Gleghorn**. George writes that he had a minor infarction (tiny stroke). His symptoms are very mild, and he's having several hours a day of physical therapy to *retrain the muscles and neural paths*, and is planning on being back to normal *in a couple of months*◆◆◆**Diana Cowell's** husband **Wilfred** died in May. Diana is still in Boise, ID, but now lives at 767 E Park Center Blvd, #262. She renewed her TRA membership for two more years◆◆◆TRW heritage retiree **Raphael Jaffe** lives in Antelope Valley, just 24 miles north of Palmdale, home to the big NG aircraft plant. She's found no other members of TRA up there, but is surrounded with NG retirees from the aircraft group. Not yet ready for a rocking chair on her porch, she is a staff writer for Aerotech News and Review, a weekly pub that serves NG and other aerospace companies at Air Force Plant 42 in Palmdale◆◆◆Do you remember the '70s and '80s around Space Park? **Nancy Fredricksen** does, and would like to hear from others who recall those times. Email Nancy at nanceezplace@aol.com◆◆◆Computer nerd **William Littenberg** is still nerding. He's teaching computers to oldies like us at Cal State Long Beach. William was the guy who introduced PCs to Proposal Operations way back then◆◆◆**Hollis Whitaker** and spouse live in Rancho Palos Verdes, CA, but are drawn regularly to Sacramento (2 g'kids) and Virginia (4 g'kids). They say it keeps them happy and busy, and we hope, healthy◆◆◆Arnolds Park, Iowa, is



By Al Hausrath

home to one of the longest operating amusement parks in the world. But apparently it did not amuse **Bea Morgan** enough. She has moved back to Torrance, CA, and can be reached at 310-520-5377 to learn the details◆◆◆Another western move. **Wanda York** has left Bloomington, IN and got as far back as Las Vegas. She can be reached at 702-431-9342◆◆◆Not all of our members seem to be happy with the NG Benefits Center at 800-894-4194.

Raymond (Terry) Watson would like to see a better bulletin board on the TRA web site (www.tra-spacepark.org), with a forum for those dealing with our benefits center. Terry, just start one, or join an existing one. There are quite a few comments on the medigap coverage. To get admitted, you must send an email to our webmaster at webmaster@tra-spacepark.org◆◆◆From Encino CA comes word that **Howard** and **Darlene Mandelstam** still enjoy their home (40 years) and their marriage (50 years in February, 2010)◆◆◆Another "Life is Good Report." **Budd Klenk** reports that he's playing a little golf, doing very little travel, and without any effort on his part, the g'kids are growing and making g'g'kids◆◆◆The San Diego Chapter of TRA remains in good shape even though their ranks are diminishing each year, writes **Jim Denton**. They still have roughly 30 TRA folks that get together every other month at some area venue or activity. *We are fortunate to have Gene Sloane join me, Barbara Newman, Pat*

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