

TRA's

No Name

GAZETTE

For Northrop Grumman & TRW Legacy Retirees

VOL. XXVI NO. 4

July/August 2014

TRA Has Its Own Facebook Page

Reported by Kat Reed

HAPPENINGS AT NORTHROP GRUMMAN

Aerospace Systems Sector (NGAS)

- SAN DIEGO, CA — NGAS will build five additional U.S. Navy MQ-8C Fire Scout unmanned helicopters, which allows ship commanders to extend their intelligence-gathering capabilities far beyond the horizon. Final assembly of the aircraft will take place at the company's Unmanned Systems Center in Moss Point, MS. The MQ-8C is based on a larger helicopter airframe that provides greater range, endurance and payload capacity over the currently fielded MQ-8B Fire Scout variant. The MQ-8C can remain on station for more than eight hours while supporting long-duration missions, thus requiring less aircraft to sustain operations. A total of 19 aircraft are under contract with the Navy.



By Frank Warren

- REDONDO BEACH, CA — NGAS continued its record of shipping Advanced Extremely High Frequency (AEHF) satellite payload modules ahead of schedule when the fourth arrived Feb. 11, nearly two months early, at Lockheed Martin Space Systems, Sunnyvale, Calif., AEHF system prime contractor. The complex phased array and nulling antennas, along with the advanced cross-links, will be shipped later this year to complete payload delivery a full six months early. The payload module contains the processing, routing and control hardware and software that perform the satellite's communications function. NGAS also delivered payload modules for the first, second and third Advanced EHF satellites ahead of schedule in 2007, 2008 and 2009 respectively. Launch for AEHF Flight 4 is currently planned for 2017.

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TRA has a new HOT announcement. With the kickoff of summer, we have launched our new Facebook page (The Retirees Association – TRA). We plan on posting various trivia, important announcements, invites for our annual events and let's not forget the photos! Retirees are always welcome to TAG photos that are posted.

To join our new social media group log onto Facebook, search for "The Retirees Association – TRA" and LIKE the page. This is a great way to keep in touch with what's going on with TRA. So, as the kids say, "LIKE us on Facebook!"

TRW Technology Major Firsts

In 2013, the NNG posted two articles listing 40 TRW technology firsts from 1903 to 1997. Now Howard Sachar describes a 41st technology first: the Varicap, a solid state voltage variable capacitor.

In 1954 Pacific Semiconductors, later called TRW Semiconductors, was organized as a subsidiary of the Ramo Wooldridge Corporation. The division developed and manufactured germanium and silicon semiconductor devices for the military and civilian markets primarily for computer applications.

In 1957 they announced a new product called the Varicap which was a solid state voltage variable capacitor. It was designed to replace the mechanical tuning capacitor. Its first application was in a new miniaturized portable transceiver developed by RCA for the military called the ANPRC 34/36.

TRW Semiconductors received a patent for this device and a copyright on the name Varicap. By the 1970's the device was in widespread use in military and civilian applications for many different kinds of circuits particularly those involving frequency tuning. By the 1980's all TV sets worldwide used Varicap tuning.

The Varicap made possible the simple, inexpensive, remote control which previously required expensive and very unreliable motor controls in the

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TRA for Northrop Grumman Retirees

The Retirees Association (TRA) welcomes the retirees of Northrop Grumman and TRW.

2014 OFFICERS

Darrell Ausherman President
 Dena Bouskos..... Vice President
 Bob Doll Treasurer
 Jay Seidman Secretary
 Jack Trost Immediate Past President

2014 DIRECTORS-AT-LARGE

Charles Clendening, Budd Cohen, Tony Gomez, Ira Green,
 Marcy Morrison, Carol Schamp, and Jack Williams.

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

Publication Staff:

Al Hausrath, Editor; Frank Warren, Contributing Editor; Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers; Carol Schamp and Karin Petersen, Copy Editors.

Contacting TRA

By Mail:

TRA, P.O. Box 1276, Redondo Beach, CA 90278

By Phone:

310-833-5827

By Email:

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

For Membership:

TRA Membership is open to all Northrop Grumman and TRW legacy retirees at \$10 per calendar year. First year free. Application on web page or call 310-833-5827.

NG/TRW Retirees Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S/Cafeteria, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m.	No reservations needed. All Members Welcome
ATD Friends & Colleagues	Palos Verdes Golf Club, 3301 Via Campesina, PVE, CA 90274, (310) 375-2533	1st Tuesday in Nov. 11 a.m. to 2 p.m.	Social, Nostalgia and Lunch Res Deadline: Fri. 24 Oct. 14	Don Reeves, Jack Trost, Carol Schamp cschamp@aol.com 310-377-2194
Brevard Retirees	Various Locations in Brevard, N.C.	1st Wed. 8 a.m. 3rd Wed. 5 p.m.	Social	Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	Various days: call Zaiser for details	Social	George Zaiser 805--343-2631 gzais@msn.com
Beach Cities Get-together	Grunions Restaurant 1501 N. Sepulveda Blvd., M.B., CA	Last Mon., Even months. June 30	Social	Allen Parker 310-780-0712 777allendsp@gmail.com
Houston Chapter	Baybrook Denny's, 19212 Gulf Fwy Friendswood, Tex.	3rd Tuesday 8:30 a.m.	Social	Gary Dinsmore 281-461-6270 samngary@att.net
Huntsville Chapter	Ryan's Buffet 1808 University Drive NW, Huntsville	2nd Tuesday 11:30 a.m.	Social	Jim Troy 850-797-0044 www.TRA-Huntsville.org
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 cannob70@gmail.com
Northern Virginia	Old Brogue Pub Great Falls, Va.	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgkehrke@att.net
NW Riverside County, Hemet	The Church of the Good Shephard Hemet, Calif.	4th Thursday 11:00 - 2:00	Social	Rosalie Moyer 951-925-1214 Glenn Ortiz 951-679-1015
Ogden	Cracker Barrel Restaurant Layton, Ut.	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.net
San Diego Chapter	Event Dependent	3rd Tuesday Alternate Months	Social or Board Meeting http://sandiego.tra-spacepark.org	Jim Denton 858-385-0150 JWDenton@san.rr.com
Temecula Valley	Various Locations in the Temecula/Murrieta Area	2nd 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 Winkelman 303-693-0034 winkelman@att.net
TRIN	Community Room, WFCU Western Way, Torrance, Calif.	2nd Thursday 1:00 p.m.	Investment Info based on monthly newsletter reviews	Mike Pauls 310-379-2707 lmikep@earthlink.net
Ventura Romeos	Mimi's Cafe Thousand Oaks	1st Tuesday Lunch	Social	Fred Blaich 805-499-0012 or Harry Stroud 805-653-5117

HAPPENINGS

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- ARLINGTON, VA – April 10, 2014 – The National Aeronautic Association (NAA) has selected the X-47B Unmanned Combat Air System Demonstration (UCAS-D) team to receive the 2013 Robert J. Collier Trophy, aviation's highest honor. Comprised of leaders in government, business and industry, the NAA voting committee awarded the U.S. Navy, NG, and industry partners for "developing and demonstrating the first unmanned, autonomous air system operating from an aircraft carrier." Conferred annually, the Collier Trophy recognizes one team or individual who has made "the greatest achievement in aeronautics or astronautics in America" during the previous year. Past recipients of the trophy include: Howard Hughes (1938), the Atlas Intercontinental Ballistic Missile team of USAF, Convair, and STL (1959), Neil Armstrong (1969), the B-2 (1991), Global Hawk (2000), and SpaceShipOne (2004).
- BEALE AIR FORCE BASE, CA — The U.S. Air Force RQ-4 Global Hawk unmanned aircraft system has completed a series of ground and air demonstrations at Beale Air Force Base, expanding the adaptability of the Global Hawk system to use an additional Satellite Communications (SATCOM) link to improve the transfer of mission data. At the request of the U.S. Air Force Air Combat Command, NGAS worked with Air Force partners to demonstrate that Global Hawk is compatible with different SATCOM architectures with no changes to the aircraft's hardware, software or payload. Taking place from Jan. 13-15, the demonstration highlighted a unique split link capability for Global Hawk that allows it to send mission data through a satellite link that is independent of the link used for command and control. The combat-proven Global Hawk has logged more than 110,000 flight hours and carries a variety of intelligence, surveillance, and reconnaissance sensor payloads to allow military commanders to gather near real-time images and uses radar to detect moving or stationary targets on the ground or at sea.

TRW Technology Major Firsts

Continued from Page 1

TV to physically turn the mechanical tuning assembly. One of the major side effects was that it put the younger family members out of the business of getting up to change the channels for the viewing parents. It also made possible the slim LED TV designs we see today.

In 2007 the company was honored with an Emmy Citation Engineering Award from the Academy of Television Arts and Sciences for the development of the Varicap as a "Historic contribution to Television Technology." Dr. Simon Ramo is the first name listed on the award for without Si and Dean Wooldridge, we would not have had the opportunity to make this difference.

Do our readers have any other Major Firsts that should be added to our list? If so, please send them to tra@tra-spacepark.org or TRA/NNG at P.O. Box 1276, Redondo Beach, CA 90278.

Upcoming TRA Events

A Day at the Races	July 24, 2014
Holiday Party*	December, 2014
Alice Lord Spring Fling*	April, 2015

** Details to be provided in future NNGs*

A Day at the Races

Come join the San Diego TRA organization for a day at Del Mar Races followed by dinner at Red Tractons. Thursday, July 24, post time 2:00 PM, club house reserved seats \$12.00. Contact Joe Larkin, joe208larkin@aol.com for more details.

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.

Towers Watson's OneExchange

<https://medicare.oneexchange.com/NGC>

Or by phone: 855-832-0976

If your Medicare Supplemental Insurance coverage has been transferred from the NGBC to OneExchange, this is your contact information.

TRA's Annual Business Meeting

TRA's Annual Business Meeting was held on June 20, 2014, in the Patio Café, with more than 250 retirees and guests present. Our keynote speaker was Scott Willoughby, VP and Program Manager of one of NG's signature programs, the James Webb Space Telescope. Information tables from the Credit Union, TRA Membership, and Benefits were also available. These photos are by Mary and Carl Holcomb. To see the complete set, go to the TRA web page: www.traspacepark.org.



Eileen & Yo Wakamiya



Gary Rosiak



Jack Trost
Frank Warren
Collier Trophy



Richard & Rose Marie Keidel



Richard & Mery Propster



Scott Willoughby, V.P. and JWST
Program Manager



Arnold & Nickie Devine



George & Valerie Dingwall



Lucille Beachler & Art Vanick



Steve Yi



Yas & Cleo Komorita



Bud & Trish Orlando



Jorge & Lilly Manzanilla



Marion & Bud Ruhl



Mike Pauls



Sherill Overfield



Mary Elwell



Dana Gorman & Joyce Handschumacher



Karl & Katherine Poehlmann



Paul & Pauline Nordin



Terri & Larry Zinkiewicz



Steve Walsh



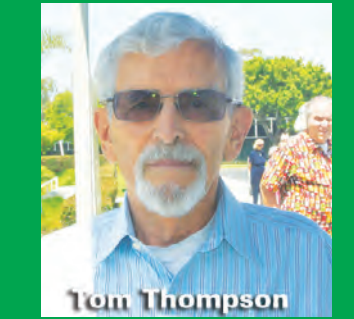
Bob Jacobs



Donald & Marlea Ramsey



Robert Morris



Tom Thompson

News From the Huntsville Chapter

Reported by Jim Troy

The Huntsville TRA Chapter luncheon for June combined a collection of canned food for the Salvation Army emergency food supply led by Linda Drake, plus a gala party for Bill Jarvinen retiring from Northrop-Grumman. Bill originally joined Northrop in Huntsville out of college in 1967! After some transfers he later joined TRW at Huntsville in December 1983, and he retired from Northrop-Grumman this year. He and wife Libby face us seated at the far wall. Others present include Gary Abercrombie standing in back. Debby Teal serves cake in foreground to Jesse Teal and Jackie Worthy, next to them are Bob Stewart, Tom Coon and JD Martin. Backs to us in front, Bill Drake, Linda Drake, Dr. Arloe Mayne, and Ron Williams. Others attending included Ted Lehmann, Jim Troy, Brent Martin, Nancy Crumbley, Bob and Rubye Jones, Wayne and Debbie Heckler, Ted Lehman, Granison and Jan Harrison, and Bob Worcester.



News From the Central Coast Chapter

Reported by George Zaizer

This photo is of some of our TRA Retirees at the Alisal River Grill Club house for lunch in Solvang. The attendees were from left to right: Dave Treen, Alan Oliveras, George Zaizer, Colette Hyder, Norm Hyder, Paul Malancon. The group meets with their wives at various venues during the year to talk about old times, golf scores, travels and current NG accomplishments and information.



IN MEMORIAM

Harold Ely Adelson, PhD, Exp. Physics, 83, June 14, 2014; Joined STL 1965. Rtd. as Chief Scientist 1992; Notable programs: Viking, DSP, ERSs, ERBE

Baruch Berman, January 21, 2014

Robert K. Burch, 90, May 29, 2014

Thomas F. Castle, 79, May 28, 2014

Mary Coward, 72, May 12, 2014

Judah Darrison, 82, February 21, 2013

Howard C. Ethington, 85, May 10, 2014

Lon J. Garbett, 89, March 13, 2014

Gerald (Jerry) Geier, February 27, 2014

Albert J. Grote, September 30, 2012

Charles E. Hagan, April 2, 2014

David Joel Hastings, Sr., July 23, 2013

John H. Kravagna, 79, June 14, 2013

Richard Krueger, 74, June 20, 2014

Emil W. Magness, 89, 2012

Peter P. Merrick, 94, Date Unknown

Kurtis Munson Oakley, 65, May 4, 2014, TRW/NG 1978- 2008, Rtd. as Dir. of Ethics and Business Conduct

John J. Petros, February, 2012

Howard Martin Rathjen, June 6, 2014

John F. Revoir, 84, March 9, 2014

Robert H. Schierman, 87, January 2, 2014

William H. Schilling, 89, May 12, 2014

Lloyd M. Schonbrun, 83, March 25, 2014

Barbara Wellwood, May 22, 2014

William J. Woerner, January 20, 2011

The first step in notifying Northrop Grumman of a retiree's death is to call the NG 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. The Benefits Center does NOT notify TRA of the death due to privacy laws.

If you know of a deceased retiree that should be included in the "In Memoriam" column in future NNGs, please inform us by either mail or email to the TRA office. As a minimum, we need the name of the deceased; date of death; and the name of the person submitting the information. If more information is available and desired, include age, position and years at NG/TRW, any notable programs, and special skills.

We've Changed "In Memoriam"

To make TRA's "In Memoriam" column more informative we are expanding the entries to include more background information on the deceased, when available. The NNG does not have the space to run full obituaries on the more than twenty deceased in each issue, but will include a maximum of 25 words after the name of the deceased. Information of interest to our readers in addition to date of death includes age, position and years at NG/TRW, any notable programs, and special skills.

Recent New Members to TRA

We welcome the following members since the last newsletter.

Terry N. Grusvenor	Long Beach, CA
Mary Ann Hetherington	San Pedro, CA
Kenneth Hopke	Annandale, VA
Ellen L. Jenkins	Torrance, CA
Richard E. Rose	Manhattan Beach, CA
Lorri Saldana	Hermosa Beach, CA
Bill Sun	Redondo Beach, CA
Hazel Valdez	Poway, CA
Frank E. Hamell	Las Vegas, NV (In

the previous NNG we misspelled Frank's name. We apologize.)

We hope these new members will send a note to us for the Mail Pouch, telling us a little about themselves

MEMORIES: It's Hard to Forget

The NNG continues Memories: It's Hard to Forget with a memory from Frank O'Leary.

A meeting held in Washington, D.C. ran late, and I ended up taking the late night "Red Eye" from Dulles nonstop to L.A. There were only a handful of passengers on the aircraft. The flight turned out to be the most turbulent flight I ever took. The aircraft flew in the eye of the jet stream. It would drop a hundred feet then lurch to the right or left. I hoped the super glue used to stick the wings to the aircraft would hold up.

Two little old ladies sitting in the back got up and made their way down the main aisle, holding on for dear life. They stopped where I was sitting, squeezed past my knees and sat down. After they were strapped in one little lady looked up to me and said, "We feel much better sitting next to your, Father."

What unusual or surprising event happened during your career at TRW/NG that other retirees might enjoy? Send it to our editor at tra@tra-spacepark.org or to TRA, Attn NNG, P.O. Box 1276, Redondo Beach, CA 90278.

The next issue of the NNG
will be mailed in September,
along with the 2014 Member-
ship Directory

THE MAIL POUCH

◆◆◆**Pat and Phil Williams** drove from Colorado Springs to San Pedro, CA to visit Pat's sister, TRA member **Margaret "Maggie" Ferguson**. While in the area, they also visited with **Ron Ogren, John and Bev Marts**, and **Dick and Ann Rose**. It was a great trip, bringing back many wonderful memories of years at Alice Springs, Australia, and Space Park, but *there is no place like home*◆◆◆In an April note from Idaho, **Dorothy E. LaMare-Balla** reports the snow is gone, and it's time to plant her veggies and flowers. She loves staying home and retirement, but does miss the friends she made on TDRESS, GSS, GWEN, and other projects. Call her at (208) 476-7049◆◆◆**C. J. Lippincott** retired last year after 27 years with TRW/NG, sending TRA the great news that she's engaged to be married to **Joe Scaffidi**. He retired in 2012 from NG with 36 years of service. When not off in Nevada visiting her three grandchildren – 11, 9, & 6 – C. J. can be heard singing in the NG Chorale, South Bay Women's Chorus, and "One Voice" Ladies Quartet◆◆◆Fourteen years and counting. **Jim McCaverty** is still enjoying the beach life and retirement in Manhattan Beach◆◆◆In his over 20 years of retirement, **Leonard Pincus** has seen Murrieta, CA grow from a town to a city. *Too big*, he reports. He's racing HO scale slot cars, but losing to kids less than half his age. Fishing and a little high-score golf also keep him busy◆◆◆Looking for 2011 retiree **Clifford Pang**? He's at the Spectrum Club – South Bay in El



By Al Hausrath

Segundo, CA most mornings. Drop in and say hi to him. Afternoons? He's shuttling his son to/from swim practices and swim meets◆◆◆First stage in long range retirement planning? Make sure your TRA membership is paid up. Ninety year old **John Devillier** has done just that. He renewed for ten more years, *in case I forget to renew in the future*. He has been living at the Sun City Summerlin in Las Vegas since 1991. It has three golf courses, four fitness centers, and a full size music hall where they get orchestras and performers from Las Vegas. And best of all for him are the swimming pools, including a 100 foot one◆◆◆**H. Donald Brown** celebrated his 80th birthday last year. He and **Margie** live in Seal Beach, CA, and travel by cruise ship and motor home frequently. He has a neurological disorder, but keeps going, he reports◆◆◆**Bob and Lynn Mitchell** are now in the 17th year of his retirement and enjoying every minute. They live in Corona, CA to watch their g'kids grow up. Their oldest g'son is graduating from high school this year, and a Texas g'daughter is doing the same. They also enjoy using their camper to see the U.S.◆◆◆Another retiree from 17 years ago, **Ron L'Heureux**, lives in Orange, CA with his wife **Patti** and teen age daughter (17) **Danielle**, who is a senior this year and doing her college search. Ron and Patti are owners of Comfort Keepers of Orange, a non-medical home care agency◆◆◆