

TRA's

No Name

GAZETTE

For Northrop Grumman & TRW Legacy Retirees

VOL. XXV NO. 4

June 2013

WMoF Location of Two TRA Events this Summer

First Event July 20

Second Event, August 10

Come to a very special presentation by one of our own: Bob Sackheim!

July 20, 2013, 11:00 a.m. at the WMoF,
3315 Airport Drive, Red Baron #3, Torrance, CA
310-326-9544 <http://www.wmof.com/>

Cost: \$5.00 per person,

This will be followed by a no-host lunch at the Macaroni Grill Restaurant in Rolling Hills Plaza, 25352 Crenshaw Blvd., Torrance, California 90505
310-534-1001 <http://www.macaronigrill.com/>

Bob Sackheim is presenting a talk entitled "The True Commercialization of Space." Many of you know or worked with Bob during his days at TRW as Director of the Propulsion and Combustion Center within STD. Following his retirement from TRW, Bob moved to Marshall Space Flight Center in Huntsville where he became the assistant center director and chief engineer for space propulsion. He has since retired from NASA and



Bob Sackheim

is now staying active consulting on several contractor and government activities.

If you plan to attend the presentation or participate in the optional lunch at the Macaroni Grill, please contact Beth O'Gorman at 310-375-3088 or email her at bethog28@gmail.com. If you reach her voice mail, leave a message with your name, phone number, the number of attendees for the presentation and how many will participate in lunch at the Macaroni Grill. The museum needs a head-count and TRA needs to know how many reservations to make at the restaurant. You may order lunch from the menu and they will arrange to make out checks in two's, so if you don't come with your spouse, find someone to share a check with.

TRW Day at the Western Museum of Flight— August 10

What a lovely thought! Another fun way to keep retirees in touch with one another and to hear remembrances of good old TRW. The activities committee is gathering as much TRW memorabilia as they can find to make this day a remarkable journey down memory lane. For "Show and Tell" you are welcome to bring a meaningful/favorite TRW item or story to share.

The WMoF requests a minimal donation of \$5.00 to attend; TRA will be providing snacks for a nominal donation. The museum needs a headcount, so if you plan to attend this TRW Day at the WMoF, please call either Marcy Morrison at 310-316-0756 or Nicki Noble at 310-316-4100.

Remember — Save August 10 from 10 am - 2 pm for an unforgettable day.

About The Western Museum of Flight

The Western Museum of Flight (WMoF) is dedicated to preserving and displaying aircraft history and artifacts of Southern California's aviation history.

This is a jewel of a small museum, including fantastic exhibits on space exploration; classic and unique aircraft (i.e., YF-23, F-86, F-5, F-14, YF-17, JB-1, Flying Wings, Target Drones, Test Aircraft, and Gliders). And it's not just about aircraft. Their space exhibitions include a replica of TRW's famous Pioneer I.

Directions to the WMoF

Turn east from Hawthorne Blvd. onto Pacific Coast Highway in Torrance. Go 0.6 miles. Turn left on Zamperini Way (0.1 Mile). Turn left on Airport Drive (0.1 Mile). The WMoF is on the right. Parking is free.

TRA for Northrop Grumman Retirees

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

2013 OFFICERS

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

2013 DIRECTORS-AT-LARGE

Budd Cohen, Ira Green, Rose Marie Keidel, Marcy Morrison, Carol Schamp, and Jack Williams.

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

Publication Staff:

Al Hausrath, Editor; Frank Warren, Contributing Editor; Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers; Lee Rathbone, 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	Hacienda Hotel El Segundo	1st Monday in Nov. 11 a.m. to 2 p.m.	Social, Nostalgia and Lunch Res Deadline: Fri. 10/25/2013	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
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 fiftysumthn300@yahoo.com
Northern Virginia	Old Brogue Pub Great Falls, Va.	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
NW Riverside County, Hemet	The Church of the Good Shepherd 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

IN MEMORIAM

Name	Date of Death
-------------	----------------------

Charles F. Brett	April 24, 2013
Robert L. Hammel	May 15, 2013
Edmund Jucevic	June 3, 2013
Jack Nolan	May 25, 2013
Billy Ray Payne	April 18, 2013
Jerry Schwartzbach	DOD unknown
John Tonkinson	May 11, 2013

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. 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 submit the following by mail or email to the TRA office: name of the deceased; date of death; and the name of the 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 or 800-655-1971

Future TRA Events

Bob Sackheim talk at WMoF	July 20
TRW Day at WMoF	August 10
Holiday Party	December 6
Alice Lord Spring Fling	Mid April, 2014

Greetings to TRA Land from the Huntsville Chapter, TRA

We are still here, beginning to meet Northrop-Grumman / Westinghouse retirees that were never with TRW. We continue to grow slightly along with NGC in this area, about 1200 employees here I think, at least it's fairly stable in these recent times. The company does not provide us with recent retirees' names nor tell them of our existence. TEMPO continues to invite us to events — sharing employee discounts, sometimes retiree luncheons and employee events with free food. We maintain a website at www.tra-huntsville.org.

Huntsville itself continues to develop and grow mostly technical businesses — Army weapons, drones, NASA rockets, pharmaceuticals, medical research, and automotive — the city-only area now exceeds 100 square miles plus its burbs = about 1/2 million folks. It is a major shipping center with direct stretch-747 cargo flights from HSV to the orient, South America, and Europe. Some great visitor sites here and also at nearby Nashville, TN.

I hope all the many TRA chapters and groups are doing well out there. Let us know if you have ideas to share that will help us all. Join us for lunch if you are touring this area (2nd Tuesdays at 11:30, Ryan's Buffet, 1808 University Drive NW).

Jim Troy
Huntsville, Alabama Chapter
The Retirement Association

Recent New TRA Members

We welcome the following members this month:

Rodger Ciesinski	La Palma, CA
Irma A. Cianfrini	Hemet, CA
Greg Madden	Redondo Beach, CA
Fred L. Ricker	Manhattan Beach, CA
Lorraine Rychil	Toprock, AZ
Marcia L. Tuholski	Los Angeles, CA

We hope these new members will send a note to us for the Mail Pouch, telling us a little about themselves and where they worked at Northrop Grumman. Send to tra@tra-spacepark.org or to TRA, P.O. Box 1276, Redondo Beach, CA 90278.

HAPPENINGS AT NORTHROP GRUMMAN

Northrop Grumman Corp.(NG)

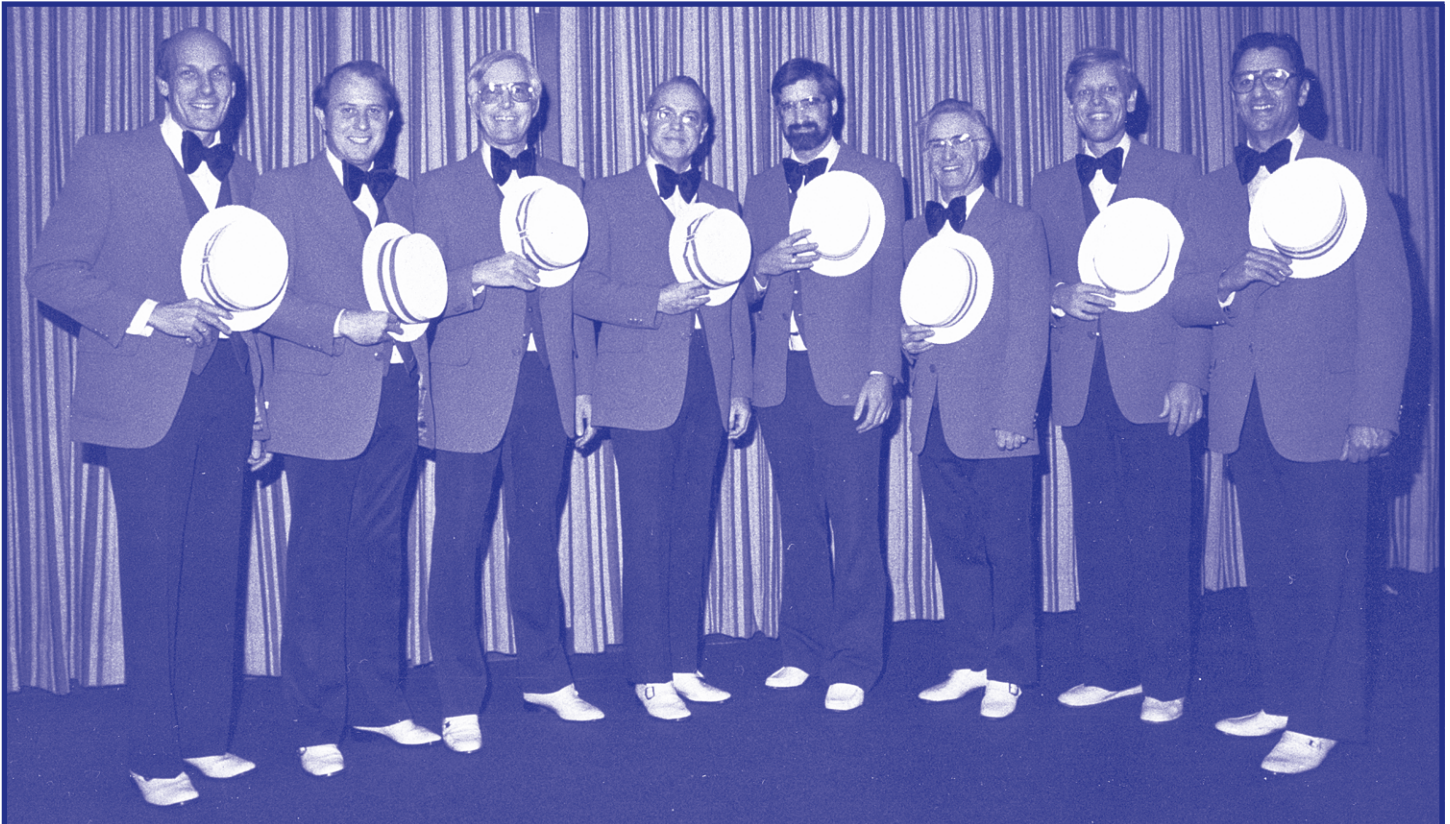
- FALLS CHURCH, Va. — The NG board approved the repurchase of another \$4 billion in stock, and it plans to buy back a quarter of its outstanding shares by the end of 2015. The company is now authorized to spend about \$5 billion on stock repurchases. Northrop Grumman had 235.2 million shares as of April 19. The company raised its quarterly cash dividend to 61 cents from 55 cents per share.
- NG sold \$2.85 billion of bonds in its first sale in more than two and a half years. The company's \$850 million of 1.75 percent, five-year notes yield 80 basis points more than similar-maturity Treasuries, \$1.05 billion of 3.25 percent, 10-year debt pay a relative yield of 115 basis points and \$950 million of 4.75 percent, 30-year securities pay a 145 basis-point spread, according to data compiled by Bloomberg. The debentures are rated Baa2 by Moody's Investors Service. Proceeds may be used to repay debt including funding the make-whole redemption of the company's \$350 million of 3.7 percent notes due August 2014 and its \$500 million of 1.85 percent debentures due November 2015, NG said in a statement today. The company said it also may use proceeds for general corporate purposes including share repurchases, pension-plan funding, acquisitions and working capital. Northrop last sold debt in November 2010, issuing the 2015 notes and \$700 million of 3.5 percent securities due in March 2021, Bloomberg data show. The 3.5 percent bonds traded at 107.4 cents on the dollar to yield 2.45 percent on May 22, according to Trace, the bond-price reporting system of the Financial Industry Regulatory Authority.



By Frank Warren

Aerospace Systems Sector (NGAS)

- WOODLAND HILLS, Calif. – NGAS has achieved a significant milestone by delivering its 8,000th LN-100 inertial navigation system (INS), which provides primary and backup navigation information for a variety of airborne and shipboard platforms. In production since March 1993, the LN-100 has been delivered to more than 70 customers worldwide and is in use on both tactical and transport aircraft, including U.S. Navy and Air Force platforms such as the F/A-18 Hornet, F-22 Raptor, MH-60 Seahawk, P-3 Orion, EA-6B Prowler, E-3 Airborne Warning and Control System, RC-135, T-45 Goshawk, and multiple foreign military platforms. The LN-100 is also utilized aboard remotely piloted aircraft, including the RQ-4 Global Hawk and MQ-1 Predator, as well as multiple shipboard platforms. The LN-100 is a non-dithered GPS-aided INS that utilizes NG's Zero-lock™ gyro (ZLG™) technology. Optimally combining INS and selective availability/anti-spoofing module-compliant GPS features, the LN-100 provides a tightly integrated solution for enhanced position, velocity, attitude and pointing performance. The system features hybrid GPS/INS, free-inertial, and GPS-only navigation solutions.
- CANBERRA, Australia — NGAS is significantly increasing its commitment to Australia through the award of contracts valued at \$7.4 million to three new global supply chain partner companies who will provide products and services for a variety of missions and capabilities. (The Australian companies, which form part of Northrop Grumman's expanded global supply chain: are Electro Optic Systems (EOS) in Mt. Stromlo; CEA Technologies in Fyshwick; and Insitec in Fyshwick. With expertise spanning aerospace hardware development, space exploration services, and software design, the companies were selected by NGAS under the Australia Defence Materiel Organisation's Global Supply Chain Program.
- PALMDALE, CA — An NGAS-built MQ-4C Triton high-altitude unmanned aircraft successfully completed its first flight today from the company's manufacturing facility in Palmdale. Triton is specially designed to fly surveillance missions up to 24 hours at altitudes of more than 10 miles — allowing coverage out to 2,000 nautical miles. The advanced suite of sensors can detect and automatically classify different types of ships. A Navy and NG flight test team conducted about a 1.5-hour flight that started at 7:10 a.m. from Palmdale. Additional flight tests will take place from Palmdale to mature the system before being flown to the main flight test facility at Naval Air Station, Patuxent River, Md., later this year.



A 1983 photo of the Astronotes. L. to r., Bob Jackson, Ray Landers, Doug Ness, George Clark, Dave Clark, Norbert Nizze, Lou Gilman, and Phil Silverman. This photo is from the collection of Bob Jackson.

AIAA Plaque Honoring Space Park as a Historic Aerospace Site Now in Place Near Bldg. E2

The History Technical Committee of the American Institute of Aeronautics and Astronautics (AIAA) honored the Space Park campus as a Historic Aerospace Site in 2011.

The Space Park nomination was initiated by Budd Cohen, a past president to TRA, and assisted by Dr. Robert Brodsky, Fellow of AIAA and TRW retiree, Rose Marie Keidel, former VP of TRA, and Jack Trost, past president of TRA. The Los Angeles Section of AIAA, along with Simon Ramo and David DiCarlo, then General Manager of the Space Systems Division, sponsored the Nomination Package to the AIAA Historic Sites Committee.

The plaque reads:

Beginning in 1961, at what was then the Ramo-Wooldrige Corporation, the dedicated employees of Space Park designed and built more than 100 of the world's most technically challenging satellites, rocket engines, and astronomical observatories. The technologies they developed, and continue to develop, led to such breakthroughs as NASA's Pioneer 10, the first spacecraft to leave our solar system; the descent engine for the Apollo Lunar Excursion Module; the Defense Department's Milstar satellite communication network; NASA's Tracking and Data Relay Satellite System "Switchboard in the Sky"; and astronomy and science satellites such as the Chandra X-ray observatory.



network; NASA's Tracking and Data Relay Satellite System "Switchboard in the Sky"; and astronomy and science satellites such as the Chandra X-ray observatory.



P.O. Box 1276
Redondo Beach, CA 90278

PRSR-T-STD
U.S. Postage
PAID
Permit No. 234
Torrance, CA

The next NNG will be mailed in mid August

THE MAIL POUCH

◆◆◆**Wahed Hossaini** (Systems Integration Group in Fairfax, VA) retired from TRW in '99, and went to work for another company. But it didn't match TRW's great work environment, so in '01 he quit to become a full time volunteer in many fields. His wife, **Arzina**, plans to retire from the federal government in December. Then it's off to the West Coast to explore its beauty◆◆◆It's summers at Lake Tahoe and winters in Torrance for **Bob** and **Ophelia Imes**. He retired 25 years ago just in time to be one of TRA's first members◆◆◆**Tom** and **Donna Rogers** are TRA's only members in Surprise, AZ. (But there are two more members in nearby Sun City.) They enjoy the sun and desert, but do miss So Cal◆◆◆Not too far from Surprise is **Linda Crabtree**. While her summer home is in Hanna, WY, she winters in new digs in Black Canyon City, AZ. Hanna (population, 800) winters *are very confining for a person that seems to be part gypsy*◆◆◆Another pair of happy retirees: **C.J.** and **Helen Groves**. Home, 10 years now, is Kauai, HI, This island has been everything they expected and more. Only one negative: Las Vegas is far away. They can accommodate all visitors — largest group so far is 8◆◆◆From Kauai let's jump to Kimberling City, MO, (near Branson) where **Norma Bougher** hangs out. She's still active as a tour leader, taking a group to Savannah, GA last April◆◆◆**Dena Janz** reports that in 2012 they had a great family reunion on Lake Pickerel in Wisconsin. They are not going to be so adventurous this year, going no further than their place in Big Bear Lake, CA◆◆◆**Dorothy Rachele**'s first day at TRW's TDRSS ground station near Las Cruces, NM was the day their first satellite, SATA, was launched. The booster failed to get SATA in the correct orbit, and it took months of nudging to correct this. *Ab — those were the good ol' days*◆◆◆Is Palm Desert, CA the perfect place to retire? **Jim** and **Ann Gohl** spent five years full time motor-homing the U.S., Canada, and Mexico before deciding that Palm Desert was the perfect place for them. The attraction? Their daughters, friends, and golf four times a week◆◆◆**Steve** and **Dee (Hicks) Tomsic** just deserted Palm Desert for Green Valley, AZ. After they both retired in



By Al Hausrath

'92, Steve worked in the pro shops at local golf resorts while Dee worked as a hostess/coordinator. But they just recently moved to the Canoa Ranch Resort in AZ◆◆◆TRA received a beautiful post card from **Delaine Bleich**. The front of the card was a '74 photo of Space Park, with the reflecting pond and R3 in the foreground and E2 with its blue TRW logo in the back. Delaine remarks that during her stay there from 1965 to 2001, *we were a family*◆◆◆**Arne Molander**'s new book, "The Horizons of Christopher Columbus", sheds new light on the explorer's navigation skills, much beyond that of most sailors of the time. To read a review, go to www.lulu.com◆◆◆The NNG brings back great memories for **Cora Van Wormer**. She retired in '85, and now lives in an Independent Living Retirement Home in Vista, CA◆◆◆**Carl Peterson** says that he and **Trudi** look back on their time at TRW as very rewarding and memorable. They now live in Rosharon, TX, near Houston◆◆◆From San Diego's very active chapter we received a happy message from **Rosalie Lout**. She mentions **Joe Larkin, Peggy** and **Don Mullins, Herb Spencer,** and **Steve Lagudis** as some of the other attendees at their meetings◆◆◆**Jean Oliver Rugtve** worked in ATD back then, so she enjoyed the ATD photo spread in the January NNG◆◆◆Here's a good fish story. **Ed McAuliffe**'s big passions are fly fishing and bicycling, all over the world. He just returned from Costa Rica where he caught a 135 pound Tarpon on a fly rod!◆◆◆Happy Anniversary (57) and Birthdays (both 80) to **Esther** and **Frank Fernandez**. How do they get around? In a 1940 Mercury convertible which they have owned for 60 years. Their collection of trophies and medals are filling up their Redondo Beach living room◆◆◆Another active pair of retirees — **Harold** and **Linda Koletsky**. Linda volunteers at South Bay Literacy and keeps up with her former TRW M4 and Milstar buddies. Harold plays tennis, golf, and duplicate bridge. He is also involved with **Marv Stone** mentoring the P.V. Peninsula High School Robotics Team competition◆◆◆