

TRA's

No Name

GAZETTE

For Northrop Grumman & TRW Legacy Retirees

VOL. XXIX NO. 2

March/April 2017

Make Reservations Now for the Spring Fling

Mark your calendars. It's time for us to welcome spring by meeting old and new friends over lunch.

Our annual Spring Fling will be Thursday, May 11 at the newly renovated Proud Bird. Come and check out the changes at this aviation-themed restaurant that originally opened in 1967.

While we will be in the event space, additions to the restaurant buildings include a Grand Central Market-style eating and browsing space.

We have the great musical duo, Dream Street, for your listening and dancing pleasure.

We will be served from the Proud Bird buffet with choices of Herb Marinated Rotisserie Chicken and Cedar-Smoked Salmon, with rolls, salad, and sides. Lemon Bars with Berry Coulis for dessert will finish the meal. Iced tea and coffee are included. The no-host bar will be open.

The Spring Fling will be **Thursday, May 11th, from 11:00 to 2:00, at the Proud Bird, 11022 Aviation Blvd., Los Angeles, CA.**

Come meet your friends, enjoy a great meal, all for just \$38 per person for reservations made by May 1st. Guests are welcome, no limit. (Attendees without advance reservations, but who opt to pay at the door, will be charged \$43 per person.)

Please make your reservations by May 1st. You can reserve and pay by mail by sending in the form below. Or, you can go to our website to reserve and pay on line. Reserve promptly; this is bound to be a full event ◆◆◆

Huntsville TRA Chapter News

By Jim Troy

The Huntsville Retiree Group continues as ever, meeting twice per month with modest luncheon attendance from a large mail-out base who also participate actively via email as we exchange news. We provide information at our website and links to the excellent Space Park TRA web features.

Non-TRW-legacy retirees keep trickling in. At the time of the merger in Huntsville, (1) Northrop Grumman was larger than TRW, and (2,) a number of TRW retirees actually started first with NG (or IBM.) Their employment was then transferred by those companies to TRW, as aerospace moved in and out of Huntsville in leaner days. We now have all the world's aerospace outfits with thousands of employees, plus the HQ of NASA and the US Army. Boeing is the largest employer, but there are also hundreds of small start up companies some retirees join.

Huntsville, after 212 years, is actually now a seaport(!) and a world freight airline hub. It is now 42% of the area of Los Angeles city, and some Realtors predict it to become the largest city in Alabama within ten years. Much of the city property is now being upgraded or replaced in anticipation of major growth.

I note that an old junior high school has been replaced by an array of several local craft beer tasting bars - a new kind of space flight. We hope to somehow accommodate a larger group of retirees as the combined TRW/NG future unfolds.

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SPRING FLING RESERVATION FORM, Thursday, May 11, 2017 11:00 to 2:00

Reservation Deadline: May 1, 2017

Retiree Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Membership No. (from mailing label): _____ Phone: _____

Guest Name(s): _____

Guest Name(s): _____

Total number attending: _____ at \$38 each = _____

Mail with a check payable to "TRA" to the following address:

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

TRA for Northrop Grumman Retirees

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

2017 Officers

| | |
|--------------------|--------------------------|
| Mary Ann Chory | President |
| Al Hausrath | Vice President |
| Charles Clendening | Treasurer |
| Michael Narigon | Secretary |
| Dena Bouskos | Immediate Past President |

2017 Directors-at-Large

Robert Doll, Reggie Jue, Rosalind Lee, Marcy Morrison, Carol Schamp, Jack Trost

Webmaster: Reggie Jue

Facebook Coordinator: Stephanie Sundius

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

Publication Staff

Editor: Michael Narigon
 Contributing Editor: Al Hausrath
 Contributors: Dena Bouskos, Mal Kong, Stephanie Sundius, Jim Troy
 Copy Editors: Kim Lewis, Carol Schamp

Contacting TRA

By Mail:

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

By Phone:

310-813-7745 for voicemail.

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 as the need arises. To get on the TRA email list, just send us a brief email requesting to be added to it.

By Web:

Our web site 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. Register, log on, and browse.

For Membership:

TRA Membership is open to Northrop Grumman and TRW-legacy retirees at \$10 per calendar year. The first year is free. The application is available on the website.

NG/TRW Retirees Meetings Around the US

| GROUP | MEETING LOCATION | TIME & DATE | OTHER INFO | CONTACT |
|---------------------------|---|---|---|---|
| TRA | Bldg. S/Cafeteria, Space Park | 3rd Thursday 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 | First Tuesday, November 7, 2017 | Social, Nostalgia and Lunch | Jack Trost, Dena Bouskos, Carol Schamp 310-377-2194 cschamp@aol.com |
| Beach Cities Get-together | Grunions Restaurant, 1501 N Sepulveda Blvd, MB, CA | Last Monday, Even months 11 AM to 2 PM | Social | Allen Parker 310-780-0712 777allendsp@gmail.com |
| Brevard Retirees | Various Locations in Brevard, NC | 1st Wednesday 8 AM, 3rd Wed 5 PM | Social | Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com |
| Central Coast Chapter | Various Locations in the Central Coast Area | Various days: contact Zaiser for details | Social | George Zaiser 805-473-2105 gzais34@icloud.com |
| Houston Chapter | Baybrook Denny's, 19212 Gulf Fwy, Friendswood, TX | 3rd Tuesday, 8:30 AM | Social | Gary Dinsmore 281-461-6270 samngary@att.net |
| Huntsville Chapter | Various Locations in Huntsville, AL | 2nd and 4th Tuesday, 11:30 AM | Lunch and Social | Jim Troy 850-797-0044 jtroy@troysig.com |
| Las Vegas | Various Locations in Las Vegas Metro Area | Last Tuesday, 11:30 AM | Social | Carol Noblet 702-889-6773 cannob70@gmail.com |
| Northern Virginia | Old Brogue Pub, Great Falls, VA | 3rd Friday, 11:30 AM | Social | Bill Gehrke 703-759-0527 wgehrke@att.net |
| Ogden | Cracker Barrel Restaurant, Layton, UT | 1st Thursday, Breakfast | Social | Charles Vono 801-745-5879 charlesvono@comcast.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 | J. Carters Grill, 40365 Murrietta Hot Springs Rd, Murrietta, CA | 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 | Holy Family House, American Martyrs Church, MB, CA | 2nd Thursday, 1:00 PM | Investment Info based on monthly newsletter reviews | Bob Eshbaugh 310-376-5880 eshonnet@yahoo.com |
| Ventura Romeos | Mimi's Cafe Thousand Oaks | 1st Tuesday, Lunch | Social | Fred Blaich 805-499-0012, Harry Stroud 805-653-5117 |

Huntsville TRA Chapter News

Continued from Page 1

Some of our retirees also volunteer-host in white NASA coats at the giant US Space and Rocket Center (and Space Camp) where several NG displays are obvious. Many were TRW displays, including the forthcoming Webb giant space telescope now completing at Space Park. The Huntsville Space Center, founded by Werner Von Braun, is about a mile long array of display halls, "space" rides and outdoor displays hosting over 2000 people per day on average. We certainly invite visitors coming to the Huntsville & Nashville, TN area stop here after golf for lunch with the bunch, and enjoy a personal guided tour of the Space Center, though many of you can tell us more than we'll ever know about this science.



Aerial View of the US Space and Rocket Center, Huntsville, AL

Locations Wanted

We are still finalizing our venue and date for the Summer Reunion in the South Bay. If there are any TRA members who belong to or know of clubs/lodges/banquet halls that might be candidates for the Summer Reunion, please contact us using the information on Page 2. We are looking for spaces that can handle 150-200 people.

A Request To All TRA Members

By Dena Bouskos

The archives group continues to work in the Building E2 archives office. Last year, Northrop Grumman improved the space by rearranging furniture and relocating file cabinets to make material more accessible. A small group of tireless retirees have been meeting weekly to diligently log the many print, film, and slides that are in our care.

We have some spacecraft models and program memorabilia but we are looking for more. Do you have any space business memorabilia you would like to donate? Program patches, mugs, program pins or tie-tacks, pictures or anything else?

If you have something that you would think would be of interest to the archives, please let us know using the contact information on Page 2.

Upcoming Events

| | |
|----------------------------|-----------------------|
| Spring Fling@Proud Bird | May 11, 2017 |
| Summer Reunion | August 18 or 19, 2017 |
| Holiday Party@Ports O'Call | December 1, 2017 |

IN MEMORIAM

Samuel Noah Brooks, 78, April 2, 2014, Electronics Engineer at TRW

Sylvia Marie Conway, 81, January 20, 2017, Administrative Secretary at TRW

Sanford Joel Friedfeld, 82, February 11, 2017, Dept. Manager, Mechanical Engineering, ATD

Dennis John Goodno, 79, January 15, 2017, Aerospace Engineer, 38 years at TRW/NG, Rtd. in 2004

Florence A. Hnatko, 97, December 12, 2015, 653rd employee of R/W and worked at TRW from 1955 to 1986

Vivian Grace Kidwell, 85, December 10, 2016

Robert Hugh Rupkey, 94, January 18, 2017, Rtd. from TRW in 1986

M. George Takao, 76, January 4, 2017, Accountant, 30+ years at TRW

The first step in notifying Northrop Grumman of a retiree's death is to call the Northrop Grumman Benefits 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. If the deceased was a member of TRA at the time of death, please notify TRA whether you want the NNG continued for the duration of their subscription or to be removed from all future mailings.

If you know of a person that should be included in the "In Memoriam" column, 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.

HAPPENINGS AT NORTHROP GRUMMAN

Tom Vice Retiring, Janis Pamiljans Elected Northrop Grumman Corporate Vice President and President of Aerospace Systems

Northrop Grumman announced on February 27 that Thomas E. Vice, corporate vice president and president of Northrop Grumman's Aerospace Systems sector, will be retiring and will be succeeded by Janis G. Pamiljans, effective April 1.

"I want to thank Tom Vice for his tremendous service to our company over many years," said Bush. "His strong focus on performance, innovation and commitment to our customers has been instrumental in positioning us well for the long term."

"I am delighted that Janis Pamiljans will be taking on the leadership of this important business," Bush said. "Our employees and our customers respect Janis for the great leadership he has demonstrated in leading some of the most advanced technology developments in our industry."

Vice will continue as corporate vice president, reporting to Bush to support this transition and other company initiatives until his retirement.

A 30-year veteran of Northrop Grumman, Pamiljans began

Continued on Page 7

Join the NG/TRW Facebook Group

By Stephanie Sundius

Below are some tips on how to become part of the NG/TRW Facebook members-only group. "Members-only" means that to become a member, a current member who knows you, and that knows you were at the company must add you to the group. Postings are seen only by group members. This is contrasted with open Facebook groups where anyone can join and anyone could view the posts.

The NG/TRW group is a forum, sponsored by the TRA, meant to support connection primarily among people who were legacy TRW employees. Past and current NG/TRW employees who have Facebook accounts are members, and the group is not sponsored by NG. Please don't sell products or services, and please, no politics nor negative comments about TRW or NG. Of course, no proprietary or protected information.

Have you been thinking about getting a Facebook account? The page at www.facebook.com/help has information on how to create one. Once you have an account and want to be part of the NG/TRW Facebook group, open your browser and enter www.facebook.com/groups/1785434901701597/. Or, try entering NG/TRW in the search box on the Facebook home page, and the NG/TRW group should show up among the results.

Once you are on the NG/TRW page, on the right side, you will see an image like that shown below (actual numbers will be different). Click on the text, "X,XXX Members (X new)"

ADD MEMBERS

+ Enter name or email address...

MEMBERS 1,473 Members (7 new)

Scroll through the list and find someone who knows you as a prior or current employee of NG/TRW and who is willing to add you to the group.

Click on their name and send them a message asking them to add you.

If they agree, all they need to do is go to the NG/TRW page, "Add Members" section and enter your Facebook name or the email address associated with the Facebook account. Once you're added to the group, you'll be able to see and enter posts.

Happy Facebooking!

James Webb Space Telescope Update

JWST has made tremendous progress with integration and test activities, keeping on schedule for an October 2018 launch date. In 2016, the flight optical elements were aligned and installed as the OTE (Optical Telescope Element). The final testing of the flight science instruments installed in the ISIM (Integrated Science Instrument Module) prior to attachment onto the observatory was completed after 108 days in the Goddard cryo-vac chamber.

With the subsequent attachment of the ISIM behind the OTE, these two elements have now been merged into OTIS (Optical Telescope Element and Integrated Science Instrument Module) and are now completing acoustic and vibrational test at Goddard. Center of curvature optical and dynamic testing will take place before and after the environmental tests to confirm the integrity of the structure and joints.

Following these ambient tests, OTIS will be shipped by cargo plane to the Johnson Space Center, where it will be cryo-tested in Chamber A for optical, thermal, electrical, and software control. Following test, OTIS will be transported to NGAS where it will be integrated with the spacecraft element and undergo Observatory-level testing. At Northrop Grumman Aerospace Systems the flight sunshield has completed integration and the spacecraft is on schedule to be integrated with the OTIS.

After completion of Observatory-level tests, the observatory will be packed and shipped to French Guiana for launch at the Arianespace launch complex.

2016 Hardness and Survivability Annual Reunion

Mal Kong reported that the Survivability and Hardness organization had their annual lunch reunion in November. Below is a photo of the attendees. He had opened up the invitee list to those still working so he got his largest attendance of 23.

Orv Adams, who is now 91, and Paul Nordin, who is 87, were able to attend.

Orv was the Hardness and Survivability Program Manager for TRW's first aircraft hardening program, the E4 Command Post. Mal credited Paul for having written the first Hardness and Survivability requirements section in an unclassified, public book -Space Mission Analysis and Design (SMAD), Edition 2, 1992. Mal helped Paul update the material in the 3rd Edition, 1999, so TRW got some public recognition.



2016 Hardness and Survivability Annual Reunion - Seated (Left to Right): Rod Nicas(R), Gus Kokkinos(R), Muriel Nordin(R), Orv Adams(R), Warren Haraki(R), Royce Loveland(R), Merna Loveland, Andrea Coleman
 Standing (Left to Right): Michelle Jolly, Mal Kong(R), Wes Baba, Bruce Pritchard(R), Terry Lunn(R), Doug Hamberg, Paul Nordin(R), Ed Jolly, Maryanne Dooley, Ming Liu, Katherine Scott, Howard Spitzer Keith Claybrook, Delta Claybrook, Carlos Banuelos

(R) - Retired

Important Contacts for Retirees

Northrop Grumman is transitioning the administration and record-keeping services for its employee and some retiree benefit plans to Fidelity NetBenefits. Savings Plan administration transitioned to Fidelity in April 2016, Health & Welfare plans (now called Health and Insurance) in October 2016. Pension plans will transition in April 2017. The contact information is:

Northrop Grumman Benefits Center
 www.benefits.northropgrumman.com
 Or www.netbenefits.com/northropgrumman
 phone: 800-894-4194

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

Retirees will be impacted by the transition if they receive coverage through the Northrop Grumman Retiree Medical plan. Information on Health and Insurance benefits for those retirees is now accessible on line at Fidelity NetBenefits.

If you have Medicare Supplemental Insurance coverage through OneExchange, this is your contact information:

Towers Watson's OneExchange
 medicare.oneexchange.com/NGC
 phone: 855-832-0976

For Medicare Supplemental Insurance, Towers-Watson administers various accounts including Health Care Flexible Spending and Reimbursement, the Limited Flexible Spending Account, and the Retiree Reimbursement Account.

Some TRW retirees receive their medical benefits through the Northrop Grumman Benefits **Service** Center. This center is staffed by Benefits Outsourcing Solutions, Inc. Their number is 800-410-6605.

If you continued your life insurance coverage on the Northrop Grumman group plan, this is administered by Metlife. They have a web site at the link below but questions should be directed to the NGBC.

Metlife
 www.metlife.com/NGC
 phone: (Benefits Center) 800-894-4194

Last Chance to Renew!

If you have renewed your membership in TRA for this year, thank you very much. If you haven't renewed, this will be the last newsletter you will receive. Please check your mailing label right now. If the year shows 2016, your membership has expired and you will need to renew your membership to continue to receive the No Name Gazette. If the year shows 2017 (or later,) you are all set for this year and don't need to do anything other than continue to read the NNG!

If you have renewed in the last month or two and the label still shows 2016, no need to panic. It just takes us some time to update our membership records.

TRA membership is a real bargain at just \$10.00 per year! The NNG provides you with happenings at Northrop Grumman, the Mail Pouch, special articles with information about our members, and sign ups for and articles on the Spring Fling in April, the Summer Reunion in June, and the Holiday Party in December. Your dues also support the operation of our web site with its articles, news, and member forums.

You now have two choices to renew: by mail or on line.

To renew by mail, please cut out the form below, fill out the requested information, and mail to the TRA with your check. Remember it's now 2017 when you date your check. Each year our banker bounces a few checks because of a previous year's date!

To renew on line, go to our web site, tra-spacepark.org, and follow the prompts. We process your renewal dues securely through Paypal. You do not need a Paypal account - you can pay your dues with a credit card. To renew for multiple years with Paypal, on the Paypal page change the Quantity to the number of years you are renewing for. Renewals for more than one year are welcome because they reduce our in-house paper shuffle. We will honor paid memberships at the current dues rate if dues need to be increased in the future.

Please include a note for the Mail Pouch about what you are doing. And don't forget to spread the word about TRA to new retirees and encourage them to join! Thank you for being a member of TRA.

Mail Pouch Items

Al tells me he is getting low on Mail Pouch items. Please let us know what you are up to by mailing your news to TRA using the information on Page 2, or e-mailing directly to the Mail Pouch at mailpouch@tra-spacepark.org.

MEMBERSHIP RENEWAL FORM

Member Name: _____

Street Address: _____

City: _____ State: _____ Zip: _____

Membership No. (from mailing label): _____ Phone: _____

E-mail address: _____

Annual dues are \$10 per year. I would like to renew for:

\$10 for one year \$20 for two years \$30 for three years \$40 for four years

Mail with a check payable to "TRA" to the following address: TRA, P.O. Box 1276, Redondo Beach, CA 90278

And, please, include a note for the Mail Pouch about yourself, your family, and your doings!

New 2016/2017 TRA Members

Al Hausrath reminded me that the newsletter usually listed new members. So, to catch up, here is the list of TRA members who joined in 2016. From now on, I will list new members each newsletter.

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/TRW. Send to mailpouch@tra-spacepark.org or to TRA, P.O. Box 1276, Redondo Beach, CA 90278.

Remember to register on the website for forums and to contact other members.

| | | | |
|-------------------------|------------------------|------------------------|-------------------------|
| K Andrew Achterkrichen | Del Mar,CA | Steve Goralczyk | Chantilly,VA |
| David L. Adley | Simi Valley,CA | Paul Goss | Redondo Beach,CA |
| Michael Allison | North Las Vegas,NV | Arthur Gutierrez | Anthem,AZ |
| Theresa Allison | North Las Vegas,NV | Terry Hack | Lake Forest,CA |
| Nancy Andreas | Manhattan Beach,CA | Warren Haraki | Manhattan Beach,CA |
| Leopold Andreoli | Torrance,CA | William Harper | Beverly Hills,CA |
| Louise Arce | Beaumont,CA | Terry Havel | Manhattan Beach,CA |
| Etild Asjian | Rancho Palos Verdes,CA | Rick Hayner | Redondo Beach,CA |
| Winthrop Avinger | Cerritos ,CA | Thomas Heim | Santa Monica,CA |
| Maria Baeza | Henderson,NV | Michael Hirsch | Rancho Palos Verdes,CA |
| Elia Balboa | Downey,CA | Jerry Hoffman | Huntsville,AL |
| Deborah Ballard | Fountain Valley,CA | Jerry Hoffman | Frisco,TX |
| Dave Barakat | Redondo Beach,CA | Michael Hollowich | Manhattan Beach,CA |
| Jackie Barnes | Ashburn,VA | Richard Horton | Jacksonville,FL |
| Jim Becker | Torrance,CA | Bob Hughes | Pasadena,CA |
| Peter Beer | Rancho Palos Verdes,CA | Barbara Iisager | Fairview,NC |
| Howard Benner | La Quinta,CA | John Innis | Redondo Beach,CA |
| Steve Benning | Redondo Beach,CA | Linda Javier | Lomita,CA |
| Terry Biggs | Kenai,AK | Daniel Juarez | Hawthorne,CA |
| Nancy Bradley | Chula Vista ,CA | Gail Kaneshiro | Lawndale,CA |
| Victor Brenes | Palm Desert,CA | Brian Keller | Torrance,CA |
| John Brock | Hansville,WA | Zena Kelley | Gardena,CA |
| Allen Bronowicki | Dana Point,CA | Patrick Kennedy | Yorba Linda,CA |
| John Burwell | Idyllwild,CA | Gary Kiouis | Manhattan Beach,CA |
| John Carr | Mountain View,CA | Milton Kirkpatrick | San Clemente,CA |
| William Carrion | Hampton,VA | Charles Knoblock | Nampa,ID |
| Tina Clements | Cookeville,TN | James Kokenis | Oak Park,CA |
| Don Davis. | Carson,CA | Linda Koletsky | Palos Verdes Est.,CA |
| George Derbin | San Diego,CA | Joyce Komatsu | Palos Verdes Estates,CA |
| Colleen Deros | Centennial,CO | Ron Korner | Kernville,CA |
| Lawrence Dreiling | Salina,KS | David Lawful | Lone Tree,CO |
| Bob Dunning | Los Alamitos,CA | James Leaverton | San Diego,CA |
| Christine Eguchi | Redondo Beach,CA | Rosalind Lee | Rancho Palos Verdes,CA |
| Annamarie Ellington | Torrance,CA | Charles (Chuck) Lillie | Playa del Rey,CA |
| Patte (Humphries) Elrod | San Pedro,CA | Raymond Lislois | Palm Desert,CA |
| Alan Eskovitz | Santa Monica,CA | Carol Louise Low | El Segundo,CA |
| Bill Faulds | Nipomo,CA | Viviana Luna | Torrance,CA |
| FB Fay | Redlands,CA | James Lundy | Prescott,AZ |
| Cheryl Feinberg | Lake Havasu City,AZ | Terry Lunn | Manhattan Beach,CA |
| Linda Fisk | Lomita,CA | Katherine MacQueen | Los Angeles,CA |
| Allan Frew | Rancho Palos Verdes,CA | Rosemary Magnanti | Carson,CA |
| Suzanne Fuentes | El Segundo,CA | Armando Martos | Redondo Beach,CA |
| Fran Fulton | Redondo Beach,CA | Richard Matthews | Valley Center,CA |
| Cathy Garcia | Lakewood,CA | Brenda McDowell | Saint Cloud,FL |
| Gary Geesman | Layton,Ut | michael mcelmurry | wildomar,CA |
| Nicholas Gioseffi | Long Beach,CA | Tom McHenry | Rancho Mirage,CA |
| Ernie Gobebe | Torrance,CA | Mae McKay | Bellflower,CA |
| Ed Goldberg | Los Alamitos,CA | John Melde | Colorado Springs,CO |
| Jody Goodwin | Midland,GA | Kenneth Meyer | Rancho Palos Verdes,CA |
| | | Cecilia Misner | Carson,CA |
| | | Alvie Mooneyham | West Hills,CA |
| | | Paul Morgan | Los Angeles,CA |
| | | Cheryl Morton | Carson,CA |
| | | Sarah Neiman | Savannah,GA |
| | | Mark Newhouse | Brookings,OR |
| | | Liz Nyman | Torrance,CA |
| | | Elmer Ollikkala | Santa Maria,CA |
| | | Holly C. Osborne | Redondo Beach,CA |
| | | Tracy Patterson | Redondo Beach,CA |
| | | Richard Plebuch | Roanoke,VA |
| | | Janice Pomerantz | Rancho Palos Verdes,CA |

New 2016/2017 TRA Members (cont)

| | |
|---------------------|--------------------------|
| Jim Pryor | Torrance,CA |
| Eric Rahneberg | Menlo Park,CA |
| John Reeves | Palos Verdes Estates,CA |
| Raul Rey | Rancho Palos Verdes,CA |
| Bobbi Rish | St. Simons Island,GA |
| Denise Rolan | Escondido,CA |
| Mark Rosenfeld | Redondo Beach,CA |
| Paul Sasaki | Carlsbad,CA |
| Marilyn Schatz | Seal Beach,CA |
| Kraig Scheyer | Redondo Beach,CA |
| Hermann Schurr | Torrance,CA |
| Richard Shannon | Barboursville,VA |
| Bob Sharples | Manhattan Beach,CA |
| Melinda Sherbring | Manhattan Beach,CA |
| Steven Silverstone | Rancho Palos Verdes,CA |
| Steve Smith | Redondo Beach,CA |
| Tanya Smith | Inglewood,CA |
| Anthony Spehar | Bountiful,UT |
| Howard Spitzer | Cerritos,CA |
| Michael Springman | Ashburn,VA |
| Geri Spulecki | Torrance,CA |
| John Stammreich | Rancho Palos Verdes,CA |
| Craig Staresinich | Centreville,VA |
| William J Stieritz | Redondo Beach,CA |
| Bill Stoops | Solana Beach,CA |
| Richard Sullivan | Hermosa Beach,CA |
| Stephanie K Sundius | Manhattan Beach,CA |
| Thomas Tapp | California City,CA |
| Rita Trott | Torrance,CA |
| Richard Tucker | Escondido,CA |
| Albert Turner | Madison,AL |
| Lorraine Vaca | Gardena,CA |
| Bob Valleni | Yuma,AZ |
| David Vandervoet | Los Alamitos,CA |
| Miriam Varend | Rancho Palos Verdes,CA |
| Srikantesh Vasistha | Cerritos,CA |
| Linda Venczel | Palm Desert,CA |
| Charles Vono | Ogden,UT |
| Carolyn S Widner | San Pedro,CA |
| Jerry Wiltz | Seal Beach,CA |
| Richard Wolf | Mission Viejo,CA |
| Chuck Wuller | Manhattan Beach,CA |
| Candy Yarborough | Torrance,CA |
| Kendra Yoes | Ojai,CA |
| James Zamel | Rolling Hills Estates,CA |

Call for Meeting Information

TRA would like to reach out to all formal and informal gatherings so that we can share more information on the events and happenings of TRA members. We publish meeting times and locations in the newsletter (Page 2) and on the web.

Also, we are interested in news about your members and activities. If you do have an activity or information that would be of interest to TRA members, please consider sending it. Photos are always of interest. Contact TRA for more information on how to prepare your submission.

HAPPENINGS AT NORTHROP GRUMMAN

Continued from Page 3

his career working on the B-2 program, and has led many of the company's major manned and unmanned aircraft programs. He presently serves as the general manager of Strategic Systems at Aerospace Systems.

Northrop Grumman to "No-Bid" T-X Trainer Jet Program

Northrop Grumman said February 1 it was dropping out of the U.S. Air Force's T-X trainer jet contest with partner BAE Systems, making it the second team to leave the competition in the past week. The T-X, a contract valued at more than \$16 billion, would replace the aging T-38 Talon pilot training aircraft manufactured by Northrop in the 1960s. Last week, Raytheon exited the competition after failing to reach terms with Italian defense company Leonardo S.p.a.

"The companies have decided not to submit a proposal for the T-X Trainer program, as it would not be in the best interest of the companies and their shareholders," Northrop said in a statement.

Northrop said it and BAE still "remain fully committed to performing on current and future U.S. Air Force programs, to deliver critical capabilities to America's airmen."

International teams from Sweden's Saab and Boeing as well as Lockheed Martin and Korean Aerospace remain in the competition for the Air Force's next-generation trainer. The contract is seen as a must-win for Boeing's tactical aircraft business since the government last year rejected the company's protest of Northrop winning the long-range strike bomber. Also, Sierra Nevada is teamed with Turkish Aerospace Industries and there's been talk Textron could propose its Scorpion jet as a trainer.

The Air Force issued a final request for proposals for the T-X jet trainer program in January. The program involves the purchase of 350 aircraft with operational capability of the trainer by the end of the government's fiscal 2024.

Northrop Grumman meets with Minot, ND leaders

Northrop Grumman is one of three military contractors that have submitted proposals for the first portion of the multi-billion-dollar, long-term program to replace the Minuteman III ICBMs called the Ground-Based Strategic Deterrent program.

Minot Air Force Base's 91st Missile Wing operates, maintains and secures missiles. Lockheed Martin and Boeing have also submitted plans.

Carol Erikson, a vice president at Northrop Grumman, said it was vital for the company to understand the unique opportunities and challenges associated with the Minot's communities and incorporate them into the project's design.

Erikson says the missile program is estimated to cost around \$60 billion for design, development, production and sustainment through 2075.

Northrop Grumman Awarded STSS Option

Northrop Grumman Aerospace Systems is being awarded a \$19,558,839 modification to a previously awarded contract. NGAS will provide on-orbit operations and sustainment for the Space Tracking and Surveillance System. The work will be performed at the Missile Defense Space Center, Colorado Springs, Colorado, and at NGAS in Redondo Beach. The performance period is April 1 through March 31, 2018. The Missile Defense Agency, Colorado Springs, is the contracting activity.

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What happens in Vegas stays in Vegas, except for TRW retirees. We hear from some of them ♦♦♦♦ **Vince Kovacevich's** brother, **George**, died last year, which prompted a Celebration of Life with the extended family in Atascadero, CA ♦♦♦♦ **Carl and Judy Hastings** call Vegas home except when they are at the summer place near the beach in Oxnard, CA. Carl is still enjoying his '90 Vette and the activities of the local Corvette Club. They celebrated their 60th anniversary with a cruise which included their kids and g'kids ♦♦♦♦ Slow down when driving through Temecula, CA. That might be **Robert Morris** in the Black and White at the side of I 15. He is enjoying his work as a Senior Volunteer with the California Highway Patrol there ♦♦♦♦ The highlight of 2016 for **Patricia de la Cuesta** was a river cruise from Amsterdam to Budapest on the Rhine, Main, and Danube Rivers. Accompanying her were her son, **Mark**, and five other TRW retirees: **Bill and Teresa Louie, Joe and CJ Scaffidi, and Jan Clements** ♦♦♦♦ **Clark and Dixielee Kirby**, both TRW retirees, celebrated their 60th Anniversary last December. And for the last 59 of those 60 years, home has been in Manhattan Beach, CA ♦♦♦♦ **Lewis Bradley** (Christiansburg, VA) reports that while some of the NG benefits have been transferred to Fidelity, One Exchange from Towers Watson still handles the Health Care Flexible Spending Acct, the Health Reimbursement Acct, the Limited Flexible Spending Acct, and the Retiree Reimbursement Acct for many of our retirees that are 65+ (see the article on Page 5) ♦♦♦♦ **Jackie McIntosh** (Redondo Beach, CA) was delighted to see the photo of **Stan and Donna Reib** in the last issue of the NNG. She considers them favorites from her work-time spent at TRW many years ago ♦♦♦♦ **Joe and Louise Arce** (Banning, CA) are not spending their retirement years in rocking chairs. **Joe** left TRW's Chemistry Dept. in '92 to return to academia. Then it was off to JPL in 2007, and now he has retired again, well, sort



By Al Hausrath

of. He's working on his second book on philately. Of course, he is still pursuing his study of Meso-American archaeology. **Louise** is an active volunteer at the South Coast Botanic Gardens, and they both enjoy their classic '57 Ford T-bird convertible. They also stay in touch with old TRW friends **Joe Kennedy, Ken Ueda, Judy Scott, Don Lee, and John Parker** ♦♦♦♦ KE6IYL calling from Garden Grove, CA. It's **Lloyd Collison**, who has become an Amateur Radio Operator since his retirement from TRW in '92. He also has become interested in his genealogy, and after arduous research, now has over 9000 related names in his family files. He has also written his biography and published a history of his childhood small town in North Dakota covering the years from the early 1700's to 2012. He concludes his message with, *I sure miss the old days of TRW and the fine people I worked with* ♦♦♦♦ **Jon Rowe** (Costa Mesa, CA) says that life as a 2007 retiree is good, but he hasn't retired. He's now working for Parker Aerospace as a contractor. *Post retirement jobs are different*, he reports. *Less pressure than a regular job*. But it's not all work for **Jon** and his wife **Patricia**. They have been poll workers for 10 elections since his retirement and taken a cruise along the California coast ♦♦♦♦ **Ken Hopke** (Annandale, VA) retired in 2013, and is busy with golf and duplicate bridge. He finds the TRW Bridge Club still the best in the area. He and wife **Karen** are enjoying their chances to travel and visit their two g'kids. Fellow TRW retirees he sees regularly are **John Burkhalter** and **Martin Merlo** ♦♦♦♦ **Michael Narigon** and **Kim Lewis** (Manhattan Beach, CA) retired from TRW/NG in 2014 and 2015. He spends his day writing Z80 assembly language programs and resurrecting old S100 bus computers. **Kim** is enjoying her free time by gardening and reading. She discovered the Theodore Payne Foundation for Wild Flowers and Native Plants in Sun Valley and has made a couple of trips for plants ♦♦♦♦