

**TRA's**  
**No Name**

# GAZETTE

**For Northrop Grumman & TRW Legacy Retirees**

VOL. XXXII NO. 2

Our 32nd Year

March/April 2020

## Make Your Reservations for the TRA Spring Fling

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

We plan to hold our 2020 TRA Spring Fling at:

**The Cheesecake Factory - Harbor View Room**  
**605 North Harbor Drive**  
**Redondo Beach, CA 90277**  
**Tuesday, April 21st, 11:00 AM to 3:00 PM**

For the entrée there is a choice of Seasoned Tri-Tip or Crusted Fillet of Salmon. The meal includes a tossed green salad, fresh sautéed mixed vegetables, and herb new potatoes. Coffee, tea, and sodas are included. There will be a no-host bar available if you would like beer, wine, or a cocktail with your meal. If you have a dietary restriction, give us a call at 310-813-7745, leave a message, and we will make arrangements. The price is \$38 per person, which includes lunch and all taxes/tip.

There is a small amount of free parking available at the restaurant. The majority of the parking is valet for \$4.50. There is elevator access to the Harbor View room. The room seats 200 people so we hope to have plenty of room for members and their guests to mingle and catch up.

Please get your reservations in early. Reservations after the reservation deadline of April 13th will be available, and we will accept walks-ins the day of the event, but we will have to charge \$42 per person. Non-member guests are welcomed.

To make reservations, save a stamp by going to [www.tra-spacepark.org](http://www.tra-spacepark.org), and pay with a credit card through Paypal. Or, you can mail in your reservation with your payment using the form below. Please be sure to mail by April 13th.

We hope to see you there!

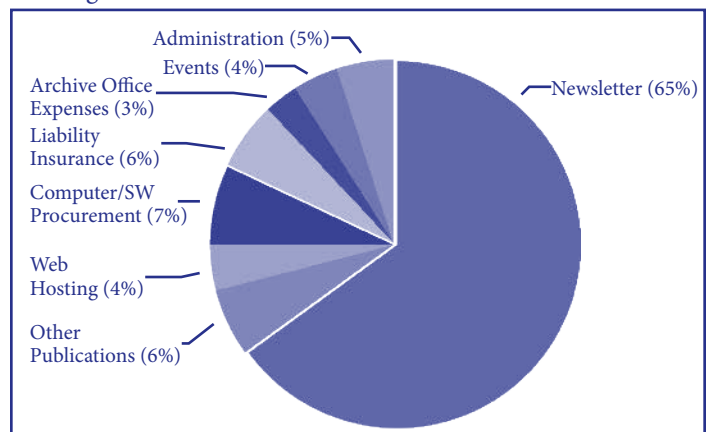
### 2019 TRA Expenses

We thought you'd like to know how your dues were spent in 2019. About three-quarters of TRA funds were used for communication with our members through the newsletter, web hosting, and other publications.

We budget the cost of events so that they are break-even, in fairness to our members outside of the Space Park area. Note that your volunteer board members pay for the events just like other members.

In 2019, we had a one-time expense to purchase three refurbished Windows 10 computers and software for the TRA office.

Otherwise, your dues go towards running the organization, with administrative expenses like post office boxes, supplies, and banking fees.



### SPRING FLING RESERVATION FORM

**Mail-In Reservation Deadline: Postmark by April 13th, 2020**

Member Name: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Membership No. (from mailing label): \_\_\_\_\_ Phone: \_\_\_\_\_

Guest Name(s) (for name tags): \_\_\_\_\_

Entrée Selection (indicate number): \_\_\_\_\_ Tri-tip \_\_\_\_\_ Salmon

Total Attending: \_\_\_\_\_ at \$38 each = \$ \_\_\_\_\_

Go on-line to [www.tra-spacepark.org](http://www.tra-spacepark.org) and make your reservations and pay using Paypal.

Or, 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.

### 2020 Officers

Dena Bouskos	President
Jack Trost	Vice President
Charles Clendening	Treasurer
Mary Ann Chory	Secretary

### 2020 Directors-at-Large

Robert Doll, Reggie Jue, Joyce Komatsu, Pam Overton, Stephanie Sundius

**Facebook Coordinator:** Stephanie Sundius

**Membership:** Joyce Komatsu

**Webmaster:** Reggie Jue

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

### Publication Staff

Editor: Michael Narigon

Contributors: Joan Merritt, Pam Overton, Jack Trost

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 voice mail.

**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 website is at [www.tra-spacepark.org](http://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 application is available on the website.

## TRW/NG Retirees Meetings Around the US

Find a group in your area and give them a call. Changes from last edition are in **bold**.

GROUP	MEETING LOCATION	DATE & TIME	OTHER INFO	CONTACT
TRA Board Meeting	Bldg. E2/B114, Space Park	3rd Wednesday, 9:30 AM, Monthly except December	Decisions, planning and actions on archives, events, NNG, coordination with NG	All members welcome. Contact TRA prior to attendance to arrange for escort
ATD Friends & Colleagues	Send ideas for meeting location	3 November 2020, 11:00 AM	Social, Nostalgia, 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 Wednesday, 5 PM	Social	Tom and Vicki Moore 828-883-8080 seneca75@verizon.net, thistle33@verizon.net
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	<b>Red Lobster</b>	<b>2nd Tuesday, 11:30 AM</b>	Lunch and Social	Jim Troy 850-797-0044 <b>jtroy28x@gmail.com</b>
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	Jim Miller 703-483-5448 jmiller158@gmail.com
Utah	Cracker Barrel Restaurant, Layton, UT	1st Thursday, 8:30 AM	Social	Charles Vono 801-745-5879 charlesvono@comcast.net
San Diego Chapter	Event Dependent	3rd Tuesday, Alternate Months	Social or Board Meeting	<a href="http://sandiego.tra-spacepark.org">http://sandiego.tra-spacepark.org</a> Jim Denton 858-385-0150 JWDenton@san.rr.com
Temecula Valley	J. Carter's Tavern Grill, 40365 Murrieta Hot Springs Rd, Murrieta, CA 92562	2nd Wednesday, Lunch	Social	Maureen Locken 951-818-6811 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	<b>Sizzler VIP Room, 2880 W Sepulveda, Torrance</b>	<b>2nd Thursday, 1:00 PM, Optional lunch at 12:30</b>	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	Frank Yunger 805-444-1541, Harry Stroud 805-653-5117

### New TRA Members

Anthony Arnaut	Lakewood, CA
Bruce Brissette	Manhattan Beach, CA
Robert Brooks	Poway, CA
Sandy Cash	Cypress, CA
John Dickson	Paducah, KY
Jeffrey Grant	Hermosa Beach, CA
Charles Heckrotte	Manhattan Beach, CA
Martin Hoover	Torrance, CA
Jean Marzolino	Redondo Beach, CA
Scott Minium	Los Angeles, CA
Debbie Pasten	Torrance, CA
Dana Spears	Nolensville, TN

### 50th Anniversary of Apollo 13

by Jack Trost

#### How many of you supported the heroic effort to bring back to earth the crew of Apollo 13?

April 2020 marks the 50th anniversary of the flight of Apollo 13 on its journey to the moon. As the mission approached the moon, with a docked lunar module (LM) and command service module (CSM), the crew performed a routine operation to monitor the oxygen level. After the crew threw a switch they heard a big bang. The switch had energized a short in the electrical system causing an explosion in one of the two CSM oxygen tanks and damaging the other. Communication with the ground crew recorded the now-famous line, "Houston, we've had a problem."

As a result of the explosion the flight crew and ground controllers faced a critical problem - how to get the crew safely back to earth. The CSM was losing power and life sustaining systems. The CSM had no source of electricity or water. A decision was made to isolate the reserve re-entry oxygen tank, power down the CSM, and use the LM as a lifeboat.

Since they were not in a "free return" trajectory they would miss the earth by thousands of km. Consequently, a course correction was needed and the LM descent engine was the only option since the CSM engine also may have been damaged. An immediate recalculation of the time to initiate the engine burn and length of burn time to fire was required.

Since there was no power to the navigation system the Apollo crew used the sun, stars and earth terminator for orientation and a stop watch to time the engine firing sequence.

With a buildup of fatal carbon dioxide in the smaller LM compartment, the crew fabricated an adapter in the LM to use the purification capsules from the CSM, using plastic manual covers and duct tape.

After nearly 143 hours in the mission Apollo 13 successfully landed in the Pacific Ocean, avoiding a disaster.

For the Apollo program TRW provided the LM descent engine, software for mission analysis and simulation, guidance and trajectory control, abort guidance control and a backup communications system. At the time, TRW had an ad highlighting the LM descent engine whose tagline was "The last 10 miles are on us." After the successful performance of the LM descent engine, TRW modified the billboard and magazine ads to read "The last 300,000 miles are on us".

For more information, contact TRA Archives (see Page 2) or visit the Apollo 13 display at the Western Museum of Flight.

We hope these new members will send a note to us at [mailpouch@tra-spacepark.org](mailto:mailpouch@tra-spacepark.org) telling us a little about themselves and where they worked at Northrop Grumman/TRW.

### Please Check Your Membership

Please take a moment and check your mailing label on this issue. If it says "Paid Thru" and the date is 2019, that means your membership has expired. This will be the last newsletter you will receive unless you renew now.

If you have renewed in the last couple of weeks, don't worry. Due to the time it takes to get the NNG printed and mailed our mailing list may not have been updated with your latest payment.

**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 the events we hold during the year.

**We also plan to print and distribute a new Member Directory this year, which you will miss if your membership has expired.** The directory includes names and addresses of your fellow retirees so you can keep in touch.

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

To renew on-line, go to our web site, [www.tra-spacepark.org](http://www.tra-spacepark.org), and follow the prompts. We process your renewal dues securely through Paypal. To renew by mail, please cut out or copy the form below, fill out the requested information, and mail to TRA with your check.

Renewals for more than one year are welcome because they reduce our in-house paper shuffle. So, consider renewing for four years to save time and money.

Thank you for your support!

### MEMBERSHIP RENEWAL FORM

Member Name: \_\_\_\_\_

Street Address: \_\_\_\_\_  Check if new address

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Membership No. (from mailing label): \_\_\_\_\_ Phone: \_\_\_\_\_

E-mail Address: \_\_\_\_\_  Check if new 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!**

## Chapter News

**Northern Virginia - Jim Miller.** We welcome any former TRW employee who is in the area on any third Friday to join us for lunch and enjoyable conversation at the Old Brogue in Great Falls Va. See page 2 for contact information.

**Huntsville - Jim Troy.** At the Huntsville chapter in February members gratefully welcomed back member Tom Turner (pic-

tured center) from successful cancer treatments, now showing hair regrowth and restored health. Members posed at Red Lobster for the occasion.

At the same time I (Jim Troy), a volunteer docent emeritus at the US Space and Rocket Center in Huntsville, would like to offer to be your personal guide when you visit the center. See page 2 for contact information.



*Northern Virginia Chapter at a recent lunch, left to right: Liz Walker, Bill Wilson, John Dadiani, John St. Onge, Mike Goldstein, Dona Dickenson, Gary Paxton, Jim Miller, Glenys Church, Bill Robinette, Glenn Palatini, Danny Capozzoli, Sue Onge, Hanna Robinette, Don Curry, and George Allen (the photographer, not pictured).*



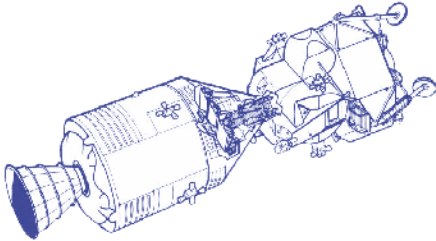
*Huntsville Chapter left to right lower row: Walton Harless, Debbie Teal, David Hale, Tom Turner, behind him Libby Jarvinen, Phil Bergstresser. Standing: Ron Williams, Jesse Teal, Steve Cecil, Jim Troy, Bill Jarvinen, Bob Worcester, and Bob Jones; taking photo Dr Arloe Mayne.*



*The TRW Control Systems retirees meet for breakfast monthly, from left to right: George Reppucci, Robert Marohn, Hermann Schurr, Michael Narigon, Fred Koehler, Bob King, Emery Reeves, Robert Van Vooren, Carol Schamp, Steve Staich, and Al Frew.*

## Call for 2021 Officer and Director Candidates

Each summer, the TRA Board nominates its candidates for the coming year. Officers are elected for a one-year term. The Directors-at-Large are elected for a term of two years. If you have an interest, please contact TRA using the information on Page 2. The time requirements are modest and you will help over 1500 retired TRW/NG employees and spouses stay in touch.



## THE MAIL POUCH

*By Pam Overton and Joan Merritt*

◆◆◆ **Jim Lewis** and his wife **Kam** divide their time every year between a second home in Boston (near their four active grandkids), a small place in Kobe, Japan, and their home in Torrance. They enjoy traveling to Europe and usually stop in England to visit their oldest (and now a British citizen) daughter, who has just transitioned from financial management at E&Y to having her own dance studio in West London! Their middle daughter in Boston runs an internet business as well as being very active in the church, after earning an advanced engineering degree at WPI in Massachusetts and working on the staff of Mitre. Their youngest daughter in Poughkeepsie is married to a Vassar faculty member and pursuing an active career as new product manager for the American Chemical Society, after getting her chemistry Ph.D. at Penn State. Jim keeps active mentally with Killer Sudoku and MoMath and loves riding his bikes and gardening as well as repairing and upgrading their homes. He has traced his ancestors back to the early 1600's in the Hudson and Mohawk Valleys of New York, and enjoys connecting personal family history to places in their travels, including once finding the 300 year old church and Baptismal Book of a distant great grandfather, who lived in a small hillside town called Soglio in Switzerland before emigrating down the Rhine to the wilds of Virginia! Recently Jim and Kam celebrated their 50th anniversary cruising down the Danube from Germany to Budapest (photo) and liked it so much they've signed on to a cruise to Prague next year. All in all, it's a bit of a hectic life (especially keeping their domiciles up to date), but the constant changes of scenery, friends and family, and new experiences help to keep them young at heart! ◆◆◆



## IN MEMORIAM

**Kathryn Balale**, January 2020.

**Harriet Lucile Byrne Beeson**, 89, November 12, 2019.

Harriet worked for Northrop Grumman for many years. She then moved to TRW where she worked as an Executive Secretary for Dave Meginnity for 30 years. She retired in 1986.

**Monte Burgett**, December 23, 2019.

**Roy Donahue**, 97, August 23, 2019. Roy was Vice President of the TRW Information Services when he retired from TRW in 1982.

**Tom Farnan**, January 19, 2020.

**Robert Gilroy**, 88, December 31, 2019. He worked at TRW as a Mechanical Engineer at Space Park for 28 years. He retired as the Department Manager of the Propulsion Systems and Components Dept. He continued consulting for Northrop Grumman for 18 years, for a total of 46 years. Some of the programs he worked on were the Apollo Lunar Module Descent Engine, Minuteman 111, and Viking Mars Lander.

**Sol Lutwak**, 91, January 7, 2020. Sol was a pioneering aerospace engineer. He joined Ramo-Woolridge (later TRW) as an engineer on notable projects. Sol rose through the ranks at TRW, playing key roles in satellite development including America's space shuttle and Apollo programs plus co-inventing a structural computer program.

**Robert Macintyre**, July 4, 2019.

**Elizabet B. Robinson**, November 3, 2019. Liz worked a couple of years at Space Technology Laboratory before switching to TRW in 1958. As a member of the technical staff, she retired from the Aero-Thermal Department in 1987.

**Linda H. Jeffe Thompson**, December 22, 2019.

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

If you know of a person that should be included in the "In Memoriam" column, please inform us by either email or mail 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.

## Volunteer Opportunities at the Western Museum of Flight

The Western Museum of Flight, 3315 Airport Drive, Torrance, CA 90505 is looking for volunteers for Tour Guides/Docents, Reception, Gift Shop, Aircraft Maintenance, Aircraft Restoration, Library, Archives, and Operations Support. Please contact the museum to apply and mention that you heard of the opportunity through TRA. The museum hours are Tuesday through Sunday, 10:00 AM to 3:00 PM and their phone number is 310-326-9544. Or, send an email to [info@wmof.com](mailto:info@wmof.com) for more information.



P.O. Box 1276  
Redondo Beach, CA 90278

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The next NNG will be  
mailed in May.

## THE MAIL POUCH

*By Pam Overton and Joan Merritt*

◆◆◆ From **William Tell**, Carson City, NV, a town that has far more to do than I care to participate in. I live alone (lost my wife in 2005) so not as active as I used to be. I guess my partying days are getting close if not already over. Most of my employment time with TRW was in field service work so I don't have many friends at One Space Park. I do enjoy reading the newsletter. It's always interesting to know what the company is working on. ◆◆◆ From **Glenellen Mullins Dickinson**, I wouldn't miss a copy of the "Gazette" for anything. I look forward to reading about what is going on in the lives of the TRW retirees. I've been retired since 1990 and I don't know many of the people. Hard to believe that I will be 90 years old in 2020. I am still tutoring 1st, 2nd, and 5th grade students in reading. I exercise three times a week and work in the Emergency Room on Fridays. ◆◆◆ From **David Nelson, Nitaya** and I moved to Santa Maria permanently around 2004. We've enjoyed grandchildren growing up who are now hard at work producing great-grands. We have successfully avoided airplanes and airports most of the time but in 2017 flew to Thailand when Nitaya's grand-nephew was accepted into the Buddhist monkhood. That turned out to be a 3-hour ceremony followed by a 2-day party. Best trip ever – even beats those company paid trips to the Middle East. ◆◆◆ From **Jacqueline Johnson**, I am renewing for one year only as in September I will turn 100! Since my husband, **Orin Walker**, died in 2015 I have lost the taste for traveling. I am tired and not as adventurous as I was. ◆◆◆ From **Arthur Sheppard**, I retired from TRW in 1988 and left the LA area to live in Scottsdale, AZ. At TRW I was a member of the Technical Staff, involved

with systems design and operations. I was on the Voyager Project and then DSIF Project engineer for the Lunar Orbiter Project. For the last 32 years, with each of my wives, we traveled the world, mainly on ocean and river cruises. I have returned to the LA area and now live with my daughter, **Carol**. Additionally, I have been a hospital volunteer in both Arizona and LA. Prior to my stint with TRW I was with the NASA Jet Propulsion Lab in Pasadena. I am looking forward to meeting with some of my old friends. ◆◆◆ **Ann** and **Jim Gohl** are still living the good life in the California desert in Palm Desert, CA. Their daughter **Corri** and her wife, **Lisa**, decided to leave Lakewood, CA and move to the desert. They should be settled in their new home by mid Spring. ◆◆◆ From **Ken Goldman**, I will be 89 in February 2020. Still living in my ranch home in RPV, having built it in the winter of '59-60. My wife of 53 years, **Dr. Billie Moore**, passed away 10 years ago. I traveled to 101 countries and 45 states. Still taking in classical music concerts, ballet, theater, and the Dodgers. I also play chess. My two children and four grandchildren all live in California. ◆◆◆

### Mail Pouch Items

Pam and Joan need your help! They need Mail Pouch items! Did you decide to travel after you retired? Please let us know your favorite spots, or just let us know what you are up to by e-mailing the Mail Pouch at [mailpouch@tra-spacepark.org](mailto:mailpouch@tra-spacepark.org) or by mail to Mail Pouch, P.O. Box 1276, Redondo Beach, CA 90278.