VOL. XXXI NO. 4 Our 31st Year July/August 2019

Sign Up for the 2019 TRA Summer Reunion

This is your last chance to make your reservations for our Summer Reunion. We plan to hold our 2019 TRA Summer Reunion at the:

Marmalade Cafe 2014 East Park Place El Segundo, CA 90245 Tuesday, August 13th, 11:00 AM to 3:00 PM

For lunch we will have a choice of: Chinese Chicken Salad, with umami soy roasted chicken thinly sliced and tossed with nappa cabbage, sugar snap peas, edamame, scallions, oranges, roasted cashews, crispy rice noodles, cilantro and sesame ginger vinaigrette; the Half Pound Cafe Burger on a brioche bun, with lettuce and tomato, cheddar cheese, red onion on request, served with french fries; or Salmon and Asparagus Farfalle pasta with pieces of tender Atlantic salmon, asparagus tips and sweet onions in lemon Chardonnay cream and Parmesan cheese.

We will be located on the Marmalade Cafe private patio with room to mingle and enjoy a summer lunch. A non-alcoholic beverage is included in the price. The Cafe has a no-host bar 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.

We are especially honored that **John Daegele**, Sector Vice President and General Manager of Space Systems for Northrop Grumman Aerospace Systems, has accepted our invitation for his office to provide an update on the company.

Prior to his current assignment, John was vice president and program director of Advanced Mission Programs and vice president of Mission 1 for Space Systems.

The price for the Summer Reunion is only \$32 per person. There is plenty of free parking available.

To reserve your spot, save a stamp by going to www.tra-space-park.org (if you're not already registered for access to the web site take a few minutes to register,) and pay with a credit card through Paypal. Or, you can mail in your reservation with your payment using the form below.

When you sign up, indicate your selection for entrée including the number; for example, if both you and your guest desire the Salmon, put a "2" next to the Salmon item on the form. Please be sure to postmark by August 2nd.

We hope to see you there!

HAPPENINGS AT NORTHROP GRUMMAN

Northrop Grumman to Build Two Satellites for Space Norway

Northrop Grumman will build two satellites for Space Norway, each equipped with payloads for Inmarsat, the Norwegian Ministry of Defense, and the U.S. Air Force.

Space Norway announced the purchase July 3, having downselected between Northrop Grumman and an unnamed, competing U.S. satellite manufacturer. SpaceX will launch both satellites on a Falcon 9 rocket in late 2022, Space Norway said.

The satellites form the core of the Arctic Satellite Broadband Mission (ASBM) - a two-satellite system designed to operate in HAPPENINGS - Continued on Page 3

SUMMER REUNION RESERVATION FORM Mail-In Reservation Deadline: Postmark by August 2nd, 2019

			•		
Member Name:					
Street Address:					
City:		State:	Zip:		
Membership No. (from mailing label): _	Phone:				
Guest Name(s):					
Entrée Selection (indicate number):	Chinese Chicken Salad	Cafe B	urger	Salmon	
Total Attending:	_ at \$32 each = \$			_	
Go on-line to www.tra-spacepark.org a	nd make your reservations and pa	y using Paypal.			
Or, mail with a check payable to "TRA" t	o the following address: TRA, P.C). Box 1276, Redo	ondo Beach,	CA 90278	

TRA for Northrop Grumman Retirees

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

2019 Officers

Dena Bouskos President
Jack Trost Vice President
Charles Clendening Treasurer
Michael Narigon Secretary

Mary Ann Chory Immediate Past President

2019 Directors-at-Large

Robert Doll, Reggie Jue, Joyce Komatsu, Marcy Morrison, Carol Schamp, 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, Stephanie

Sundius, David T. Appleton

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. 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.

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 Tuesday, 1:30 PM, 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	Los Verdes Golf Club 7000 Los Verdes Drive Rancho Palos Verdes, CA	5 November 2019, 11:00 AM	Social, Nostalgia, Lunch Golf Club Phone: (310) 377-7888	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 777 allends p@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	Various Locations in Huntsville, AL	2nd Tuesday, 11:30 AM	Lunch and Social	Jim Troy 850-797-0044 jtroy28x@gmail.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	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 charles vono@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	Franklin's Cove, 40675 Murrietta Hot Springs Rd, Murrietta, CA 92562	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	Frank Yunger 805-444-1541, Harry Stroud 805-653-5117

HAPPENINGS - Continued from Page 1

highly elliptical orbits so they can enable broadband connectivity at latitudes beyond where geostationary satellites can reach. Whereas geostationary satellites provide coverage from over the equator, the ASBM satellites will use their unique orbits to cover the Arctic Circle, specifically 65-degrees north and above.

The ASBM satellites will each carry an X-band payload for the Norwegian Ministry of Defense (MoD), a U.S. Air Force Extremely High Frequency communications payload, and a commercial Ka-band payload operated by Space Norway and leased by British satellite operator Inmarsat. The Norwegian MoD payloads will be interoperable with the U.S.'s Wideband Global Satcom constellation.

The ASBM spacecraft will weigh 2,000 kilograms each - slightly lighter than the average large communications satellite - and will each generate 6 kilowatts of power. Northrop Grumman spokesperson Vicki Cox said the company is building the satellites on GEOStar-3 platforms - the last new spacecraft chassis Orbital Science introduced before merging with ATK in 2015 and being acquired by Northrop Grumman last year.

Northrop Grumman, in addition to building the satellites, is directly responsible for supplying the Air Force's Extremely High Frequency eXtended Data Rate payloads on ASBM. The payloads are part of the Air Force's Enhanced Polar System-Recapitalization (EPS-R), designed for secure northern communications.

Air Force Reports Progress in Missile Defense Satellite Programs

The fourth satellite of the Space Based Infrared System (SBIRS) constellation has been declared fully operational, the Air Force Space and Missile Systems Center announced June 6.

The billion-dollar SBIRS GEO-4, built by Lockheed Martin, launched from Cape Canaveral Air Force Station aboard a United Launch Alliance Atlas 5 411 rocket on January 20, 2018.

"The satellite is healthy and sending data to the Mission Control Station, operated by the 460th Space Wing located at Buckley Air Force Base, Colorado," the Air Force said in a news release.

Four SBIRS GEO infrared surveillance satellites and Highly Elliptical Orbit (HEO) sensors provide worldwide coverage to help detect and track missile launches. The first three SBIRS satellites were launched in 2011, 2013 and 2017.

Lockheed Martin is manufacturing SBIRS 5 and 6, scheduled to be delivered in 2020 and 2021.

The Air Force in 2018 decided to cancel the procurement of SBIRS 7 and 8 satellites and transition to a new program, the Next Generation Overhead Persistent Infrared (OPIR). The so-called next-gen OPIR satellites are being developed by Lockheed Martin on a faster timeline.

The Air Force Space and Missile Systems Center (SMC) announced June 6 that Lockheed Martin in March completed a Next Gen OPIR GEO system requirements review for the three space vehicles of the constellation. Separately, two system design reviews were completed in April for the mission payloads with Lockheed Martin's subcontractors Raytheon and a Northrop Grumman-Ball Aerospace team.

The payload subcontractors are developing competing missile warning sensors.

Next-gen OPIR is one of the Air Force's largest satellite procurements. The Air Force is requesting \$1.4 billion for the program in fiscal year 2020 — \$817 million for the development of Lockheed's three GEO satellites, \$107 million for two polar-orbiting satellites to be made by Northrop Grumman, \$264

IN MEMORIAM

Jimmy P. Atkinson, August 6, 2018. He worked at TRW for 30 years and retired in 1992. He was a Space Systems Engineer.

John (JB) Baldaseroni, June 6, 2019.

Laren Balls, 2017.

William Bayless, 79, April 28, 2019. He worked 37 years at TRW and retired in 1996 as a Data Processing Facilities Manager.

Dennis Cochran, May 1, 2019. Dennis had a long career in software configuration management at Space Park, on TDRSS at White Sands, and the Hubble Space Telescope in Maryland and Denver.

Michael Cohen.

Doug Gordon, March 22, 2019.

Gerald L. Heier, 88, April 21, 2019. He joined Ramo-Wooldridge in 1958 and retired from TRW Systems as a Manufacturing Engineer in 1990.

Robert Hoffman, July 15, 2017.

Walter Marshall, 87, husband of Florence Marshall, May 18, 2018.

Glendon Miller, 83, June 6, 2019. He worked in Accounting and Finance at TRW/NGC for 40 years.

Doreen Smoot, 94, June 25, 2018. Doreen was an Executive Secretary at TRW and retired in 1988.

Glenn Wasz, 88, June 21, 2018. He is survived by his wife, three children, and a grandson. Much of his work at TRW was at Norton AFB on the Peacekeeper program. After his retirement from TRW in 1992, he continued to keep up in his professional area (mechanical engineering with emphasis on shock & vibration environments) through consulting and reviewing professional papers.

Cindy Woo, May 7, 2019. After retirement Cindy became active in the Myasthenia Gravis Foundation of California, where she was the president on the board of directors.

Please inform us by either email or mail to the TRA office if you know of someone that should be included in the "In Memoriam" column. Northrop Grumman does not notify us of retiree's deaths. As a minimum, we would like the name of the deceased, date of death, and the name of the person submitting the information. If more information is desired, include age, position and years at NG/TRW, any notable programs, and special skills.

Call the Northrop Grumman Benefits Center to notify Northrop Grumman of a retiree's death. For many retirees there is a burial benefit.

The previous NNG had an error in that we had printed that Florence Marshall, wife of Walter Marshall, had passed when it was Walter that had passed. The corrected notice is above. Our condolences and apologies.

million for ground systems and \$205 million for studies of future parts and material obsolescence.

Compared to SBIRS satellites, next-gen OPIR spacecraft have more powerful sensors and other features that make them more resilient for operations in contested environments, said Lt Col. Leroy Brown, Jr., deputy chief of SMC's Space Development Corps' Next Gen OPIR Division.

PAGE 4 TRA'S NN GAZETTE

New TRA Members

Gretchen Elg Redondo Beach, CA Linnie Haynesworth Oakton, VA

Kenton Ho Rancho Palos Verdes, CA Gennady Krymsky Palos Verdes Estates, CA

James Pernal Gardena, CA

We hope these new members will send a note to us at **mailpouch@tra-spacepark.org** telling us a little about their retirement plans and where they worked at Northrop Grumman/TRW.

Follow Up to "Engineering Our Way to the Moon"

By David T. Appleton

The May/June TRA Gazette had a great story about Richard Boudreau's experiences at TRW's Houston Operations and how TRW performed in key roles in the conduct and successes of the Apollo Program. In his book, he also provides a wealth of information about both the US and Soviet Union's contributions to the race to the moon.

I was one of the Minuteman Program-experienced Systems Engineers who accepted the challenge and moved to Houston. I was assigned to the Mission Planning half of the organization. We combined the mission design "Techniques" and knowledge of how the hardware functioned into minute-by-minute procedures for how the astronauts were to actually fly each mission.

In the fall of 1968, my boss, Vern Widerquist, assigned me to lead the team charged with developing the "Onboard Data" for the new, high-priority, "C-Prime" (Apollo 8) mission. This was the first flight of man to and around the moon.

After Apollo 8, NASA realized that they had procured ten sets of Apollo hardware, but had no established plan for how or where they were to be flown. NASA delegated Joe Loftess to assemble a team to develop the "Apollo Missions Program Plan," and I was assigned to manage his TRW support team.

In 1969, President Nixon tasked George Mueller's Space Task Group to develop a program plan to follow the Apollo, with the goal of a manned mission to Mars. Dennis Fielder was assigned the NASA lead. TRW again provided the engineering and administrative support and I was fortunate to have managed his support team.

My team efforts in Houston included terrific members from Richard Boudreau's shop.

Call for 2020 Officer and Director Candidates

Each summer the TRA Board nominates its Officers and Directors-at-Large for the coming year. These names are then submitted to the members in the fall to ratify and/or to nominate other candidates.

Officers serve for a one-year term. The Directors-at-Large are elected for a term of two years.

If you have an interest in becoming an Officer or Director-at-Large, please contact us using the information on Page 2. The time requirements are modest and you will help over 1600 retired TRW/NG employees and spouses stay in touch.

Member Directory Update

This edition of the No Name Gazette includes the 2019 Member Directory Update. The update includes additions and changes to our membership from the 2017 Member Directory and 2018 Member Directory Update. A new directory will be printed in 2020.

Did You Know?

By Stephanie Sundius

Did you know that TRA online resources include a website and a Facebook group?

The website, **www.tra-spacepark.org**, is a great place to learn about TRA. You can use the website to join TRA, renew your membership by credit card or PayPal, update your membership information, and register and pay for TRA social events.

TRA members with website accounts can also find and connect with other TRA members. The member search function allows you to find other members who live in your neighborhood, worked in your organization, or worked on your project. Members can also view and download from our archive of No Name Gazette newsletters and photos of TRA social events. We have pages on TRW history and recent news and have information from our TRA chapters and meet-ups around the country.

You need to register for a website account as we do not automatically create one for you with your TRA membership. On the home page select the "Member Services" menu and go to the "Register" menu item to create your online account. Once registered you will be able to access all of the resources on the site. Thanks to our webmaster, Reggie Jue, for all he does in maintaining the site!

The Facebook group, NG/TRW (https://www.facebook.com/groups/1785434901701597/) is a closed membership group and currently has over 2,100 members who currently work at or are retired from Northrop Grumman/TRW.

The purpose of the group is to support social connection primarily among people who were legacy TRW employees. Selling products or services is not allowed, and we stay away from politics, religion, and negative comments about TRW or Northrop Grumman. Of course, we don't allow any proprietary or protected information.

The group started out in 2016 as primarily a retiree group, and has evolved to include people still working at the company. The "TRW"-shared experience is still the primary theme, but as time passes, it also includes post-acquisition connections.

There have been some interesting conversations and postings about shared history and memories, and life approaching or in retirement. It is a fun way to stay in touch with people via social media. Conversation threads that generated a lot of involvement included: moving out of California (over 100 responses), unexpected work opportunities, career game changers, and lessons learned from some of the retirement inflection points (before, at, after).

Membership in the group is controlled. Content is viewable only by group members. You can be added to the group in one of three ways:

- Existing group members can add people with whom they are already Facebook friends (we ask that existing group members only add people who meet the group criteria).
- Anyone with a Facebook account can go to the group and request to be added. On Facebook search for "NG/TRW" to find the page, or go directly to the above URL. A group administrator then approves the join request after having a group member vouch for the applicant. Many thanks to the group members who help in vouching for people.
- A group administrator can add a person if they know the email account associated with that person's Facebook account and know that they worked at the company. Send a request to tra@tra-spacepark.org to get started.

Editor: Thanks to our Facebook coordinator, Stephanie Sundius, for all she does in administering the group!

TRA'S NN GAZETTE PAGE 5

Affiliate Chapter News

Beach Cities Get-Together - Allen Parker

Our TRW/NGC Retiree South Bay Group meets lunchtime (11:00 AM to 2:00 PM) at Grunion's on Sepulveda Blvd (PCH) in Manhattan Beach, the last Monday of the even numbered months (February, April,....etc). We are, at least, in our seventh year and typically have twenty to forty attendees. Although we have no specific focus or requirement for retirees or others, the group is mostly made up of system-level Assembly, Integration, Test and Launch personnel and the associated system-level support groups. Most of the TRW/NGC major programs are somewhat represented but DSP and TDRSS are the mainstays. (M-4 local retirees, where are you ??). We have no fees, no speeches, no newsletter, no specific programs but we do take multiple photos which are sent out after each event. We just enjoy the camaraderie, the ex-co-worker deep friendships and the many memories and stories going back to the 1960s. We welcome ANY TRW/NGC retirees and significant others, retired or not.

San Diego Chapter - Jim Denton

We have a fairly active group of 41 TRW retirees having been established around 2002 here in San Diego. Last month we visited the Air and Space Museum at Balboa Park where the results of many of our efforts are on display. We hold bi-monthly board meetings and group activities and welcome visitors to our area to join us.



Huntsville Chapter - Jim Troy

Members of the Huntsville, Alabama Chapter recently met at the U.S. Space and Rocket Center, for a bus tour of the NASA Marshall Space Flight Center which coexists at the large Army Redstone Arsenal with many Army headquarters. A new FBI Hazardous Devices Center, relocating from Quantico, VA, is now under construction and will have space to house a reported 5000 experts. We visited the International Space Station Payload Operations Center that handles Space Station operations - a near-duplicate of the Houston Center that manages science projects aboard the ISS.

During our visit watching through glass with Houston and the ISS on large screens, we saw an astronaut "swim" through a module going to another part of the station. A communications blackout that occurs periodically due to relay satellite positions resulted in the center staff running out of the room for quick breaks at both centers

The tour also included visits to legacy rocket tests stands, some being reactivated for use by a local rocket maker's testing. Coming soon are many local activities celebrating the 50th anniversary of the moon landing and other achievements. One event will be the simultaneous launching of 5000 students' model rockets.

The Huntsville, AL TRA chapter has roughly 100 members and now meets at Red Lobster with 17 attending in May.



Utah Chapter - Charles Vono

If you are near Hill AFB in Utah on the first Thursday of any month, come on by the Cracker Barrel in Layton (near the freeway and Antelope Drive) at 0830 hours. The Northrop Grumman retirees have breakfast there and you will find mostly folks who started out at TRW working on ICBMs. We usually have a turnout of about 14 people, give or take -- experts all. Some are experts in Titan ICBMs others have recently retired having worked on the new ICBM replacement. We'd love to hear your stories too! We have about 50 faithful breakfast-goers throughout the year, and about 12 to 20 each time.



Starting in the lower left and going clockwise around the table: Louise Mudd, Charlie Vono, Walt Gould, Chuck Lear, Gene Poncelet, Tony Spehar, Jim Meyers, Marty Stampick, Harry Amalfitano, Sue Flood, Stu Flood, Bob Luzitano, and Forrest Staffanson.

Northern Virginia Chapter - Jim Miller

The DC Area ex-TRW employees (this includes both retirees and former TRW employees who are still employed) meet for lunch, fun, and lively camaraderie every third Friday of the month at the Old Brogue Irish Pub in Great Falls, VA. Typically, one to two dozen of the 240 people on our emailing list attend each month. The photo is from our June 21st lunch.



Attendees, left to right: Dona Dickenson, Jim Miller, Glenys Church, Tom Dillon, Bill Robinette, Bo Tymciw, Ken Uffelman, Susan Connell, Shelly Gersten, Dianne Wentzel. Attendees not pictured: George Allen (photographer), Dave Timer, Margie Chisholm





The next NNG will be mailed in September.

THE MAIL POUCH

By Pam Overton and Joan Merritt

♦♦♦ From **Rod Brown** ... When having a fabulous retirement there isn't a lot to say - except ... Good health means everything, as well as having the world's best wife, 2 terrific children and now a 3 ½ and a 1½ year old grandchild plus 2 wonderful dogs. It doesn't get much better than that! In addition, great golf friends, some of them TRW retirees. That group meets every other Thursday at the Pier in Hermosa Beach. We call it ROMEO, Really Old Men Eating Out. And, yes, it's fun and we don't talk work! ◆◆◆ Carl Peterson and his wife, Trudi, moved two years ago to a 55+ community and they enjoy it very much. Lots going on. Carl managed the TRW District Office in Houston when he worked for TRW and Gordon Williams. Gordon is 99 and going strong. Carl called Gordon on his birthday, December 22, 2018. ★★★ Rex and Janice Anderson are doing fine. One of their five children is always available to drive them on long trips. Their most recent trip was to Northern California for Rex's 70th class reunion. Next, in a few months, they're off to Maryland for Janice's 70th reunion! ◆◆◆ From **Jon Rowe** ... I'm afraid my exploits in retirement have not been exciting because I keep making the decision to continue working. Not too much travel because of that, but my wife, Patricia, and I did find time to take a 2-week cruise/tour through Alaska (second time we've done this, since we love Alaska's beauty so much). On the "flunked retirement/work front," I spent from 2014 to early 2018 working a "temporary" contract job at Parker Aerospace in Irvine, writing flight qualification test reports for new aircraft. When that was done, I was promptly laid off. I applied for unemployment for the first time in my career, having never been laid off before (thank you, TRW). With unemployment you have to make an honest

effort to find a new job, even if you don't want one (my case)! I ended up in an interview at Extron Electronics in Anaheim, a major manufacturer of professional audio/video systems. Despite my best efforts to torpedo the interview, I was hired as a Marketing Communications Writer for a full-time direct position with full benefits, none of which I needed in retirement. I must admit, the job is fun and creative, writing brochures, ads, press releases, and magazine/journal articles. I'll probably stick with it for a couple of years but after that, no more flunking retirement! **♦♦♦ Hannah Glassman** writes ... Each day is a special gift and I attempt to use it with love for family, our country, and peace for mankind. ★★★ Jerry Mull retired in 2006 and is still collecting Americana and Lionel trains. He works on his '29 Ford Hot Rod and '55 Chevy that he has owned for 50 years. He is President of two car clubs, NGRC Cars Club and Los Angeles Classic Chevy Club. ★★★ Joan Rugitive is 92 years young and is living in Valley Center, CA. She loves getting news from TRA and thanks us all. **♦♦♦ Art Williams** ... I joined TRW in 1960, transferred to Space Park in 1965 and had a great career with many of the classified space programs over the years. I retired in 1990 as VP Marketing, Space & Defense Sector, reporting to Ed Dunford. I moved to Santa Barbara (Montecito) before retiring and lived there happily with my wife, Fran, until she passed away in 2006. In 2014, I returned to my roots in Youngstown, Ohio where I'm living in an Independent Living Retirement complex. I remain in good health at 93 and still visit my daughters in Seattle, Southern Colorado, and Chevy Chase, Md. I play some golf (in Summer, daily), play a lot of bridge and stay "social". Hello to anyone interested. ◆◆◆