VOL. XXXI NO. 1 Renewal Our 31st Year January/February 2019

For Northrop Grumman & TRW Legacy Retirees

Please Renew Your Membership!

According to our membership database, your membership has expired as of December 2018. If you have renewed in the last couple of weeks, don't worry. Because of the publication lead time we may miss renewals that we receive after the mailing list is generated but before the NNG gets to your mail box.

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 signups for and articles on the Spring Fling in April, the Summer Reunion in August, and the Holiday Party in December. We periodically publish and distribute the Member Directory. It includes names and addresses of your fellow retirees so you can keep in touch. Your dues also support the operation of our web site with its articles, news, and member forums.

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

To renew online, go to our web site, **www.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 by mail, please cut out the form below, fill out the requested information, and mail to TRA with your check.

Remember it's now 2019 when you date your check. Each year our banker bounces a few checks because of a previous year's date!

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. So, consider renewing for four years to save time and money.

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 your support!

HAPPENINGS AT NORTHROP GRUMMAN

Northrop Grumman Board Elects Lucy Ryan Corporate VP for Communications

Northrop Grumman's board of directors has elected Lucy C. Ryan to be the corporate vice president for communications, the company announced. The appointment took effect January 1.

Ryan, currently vice president for enterprise communications, will report directly to Northrop Grumman CEO and President Kathy Warden. In addition, Ryan will sit on the company's Corporate Policy Council.

In her new role, Ryan will be responsible for the company's worldwide communications strategy and execution, including media relations, employee communications, advertising, digital communications, executive communications and branding.

"We are delighted to welcome Lucy Ryan, a highly accomplished and respected communications executive, to our senior management team," Warden said. "Her experience in communications and corporate affairs will serve her well as the leader of our global communications organization. We look forward to Lucy's contributions to our company's future growth and performance."

Ryan joined Northrop Grumman in September. Before that, she held a number of communication leadership roles at General Dynamics, including director of communications. Ryan has a bachelor's degree with honors from the University of Guelph in Ontario, Canada, and a master's degree in international commerce from George Mason University.

HAPPENINGS - Continued on Page 7

MEMBERSHIP RENEWAL FORM

Street Address:			
City:	State:	Zip:	
Membership No. (from mailing label):	Phone: _	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 fou	r years	
Mail with a check (2019!) payable to "TRA" to the f	ollowing address: TRA, P.O. Box 12	76, Redondo Beach, CA 90278	

VOL. XXXI NO. 1 Our 31st Year January/February 2019

Thank You for Being a Member

Thank you for paying your dues for 2019 (or beyond, check your mailing label for your paid thru year.) It saves us from having to remind you to renew your membership.

Please send a note to the Mail Pouch (e-mail: mailpouch@ tra-spacepark.org) 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 your support! •••

NASA's Webb Takes a Ride to Testing Chambers

In the photo below, taken at Northrop Grumman in Los Angeles, California, engineers were lifting the spacecraft bus and sunshield off of the "elephant stand" upon which it was assembled. It was then placed onto the In-Plant Transporter (IPT) for a ride from the integration cleanroom to the acoustics facility in another building. Once those acoustic tests were completed, Webb took another ride to the vibration and thermal-vacuum facility in a third building. After all the testing is completed, one more ride will return it to the integration cleanroom where it will be assembled with the telescope element to form the full-up observatory that will fly in space.

The James Webb Space Telescope will be the world's premier space science observatory when it launches in 2021. Webb will solve mysteries of our solar system, look beyond to distant worlds around other stars, and probe the mysterious structures and origins of our universe and our place in it. Webb is an international project led by NASA with its partners, the ESA (European Space Agency) and the Canadian Space Agency.

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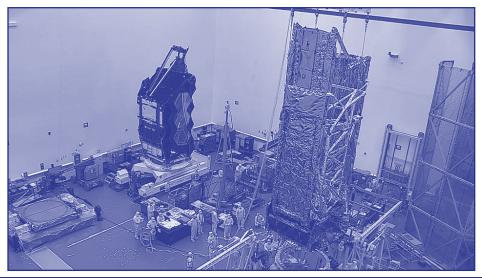
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HAPPENINGS - Continued on Page 7



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 Emeritus: Al Hausrath Editor: Michael Narigon

Contributors: Joan Merritt, Pam Overton 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	Send ideas for meeting location	5 November 2019, 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	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	Jim Miller 703-483-5448 jmiller 158@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

ATD Colleagues and Friends Luncheon, November 6, 2018

Photos by Jack Trost































TRA Holiday Party December 7, 2018

We had a near-capacity crowd at the El Segundo Automobile Driving Museum for our annual Holiday Party. Photos by Mary Holcomb. To see all her photos of this event, visit www.tra-spacepark.org.





























































New TRA Members

Susan Cohen Hermosa Beach, CA Sandy Evans Hermosa Beach, CA Steven Freije Palos Verdes Estates, CA Arthur Garrison Redondo Beach, CA Michael Hughes Redondo Beach, CA Brian Jarvis Beavercreek, OH Gina Keller Palos Verdes Estates, CA Diane Lung Huntington Beach, CA Maureen Miller Manhattan Beach, CA Rancho Palos Verdes, CA Paul Payne Glenn Tanaka Torrance, CA Evelyn Ung Redondo Beach, CA Deborah Waterman Torrance, CA David Wise Redondo Beach, CA

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

Editorial Note: In the last newsletter in the article on Archive volunteers I mis-identified Annamarie Ellington, who is one of our new volunteers.

THE MAIL POUCH

Important Contacts for Retirees

The main contact for Northrop Grumman employee and retiree benefits 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.

Information on Health and Insurance benefits for those retirees on the Northrop Grumman Retiree Medical plan is accessible on line at Fidelity NetBenefits. The link is available on the Benefits Center web page.

If you have Medicare Supplemental Insurance coverage through Towers Watson OneExchange, they are changing their name to Via Benefits. This is your contact information:

Via Benefits (a Tower Watson Company)

viabenefits.com phone: 855-832-0976

For Medicare Supplemental Insurance, Via Benefits 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 website at the link below but phone calls should be directed to the NGBC.

Metlife

www.metlife.com/NGC



Charlie Vono reports that the TRW/Northrop Grumman Retirees in Utah meet every first Thursday at 8:30 AM at the Cracker Barrel in Layton. Come join them if you are in town. 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. They have about 50 faithful breakfast-goers throughout the year, and about 12 to 20 each time.

HAPPENINGS - Continued from Page 1

Northrop Grumman to Repurchase \$3 Billion in Shares

Northrop Grumman reported that its board has authorized a stock repurchase plan, which permits the company to buyback \$3.00 billion in outstanding shares on Tuesday, December 4th. This buyback authorization permits the aerospace company to purchase up to 6.9% of its shares through open market purchases. Shares buyback plans are generally a sign that the company's board of directors believes its shares are undervalued.

Northrop Grumman last released its quarterly earnings results on Wednesday, October 24th. The aerospace company reported \$6.54 earnings per share (EPS) for the quarter, topping the Thomson Reuters' consensus estimate of \$4.35 by \$2.19. Northrop Grumman had a net margin of 9.62% and a return on equity of 38.27%. The business had revenue of \$8.09 billion for the quarter, compared to analyst estimates of \$7.99 billion. During the same period in the previous year, the company earned \$3.67 earnings per share. The business's revenue for the quarter was up 23.1% on a year-over-year basis. On average, equities analysts expect that Northrop Grumman will post \$19.06 EPS for the current fiscal year.

The company also recently declared a quarterly dividend, which was paid on Wednesday, December 19th. Shareholders of record on Monday, December 3rd were issued a \$1.20 dividend. This represents a \$4.80 annualized dividend and a yield of 1.98%. The ex-dividend date of this dividend was Friday, November 30th. Northrop Grumman's dividend payout ratio is currently 36.14%.

Several research firms have recently weighed in. Stifel Nicolaus set a \$280.00 price target on Northrop Grumman and gave the company a "hold" rating in a report on Thursday, October 25th. Wells Fargo & Co decreased their target price on Northrop Grumman from \$360.00 to \$340.00 and set an "outperform" rating on the stock in a report on Thursday, October 25th. ValuEngine raised Northrop Grumman from a "sell" rating to a "hold" rating in a report on Tuesday, December 11th. Drexel Hamilton reaffirmed a "buy" rating and issued a \$335.00 target price on shares of Northrop Grumman in a report on Wednesday, December 19th. Finally, Zacks Investment Research raised Northrop Grumman from a "hold" rating to a "buy" rating and set a \$352.00 target price on the stock in a report on Thursday, October 11th. Eight research analysts have rated the stock with a hold rating, ten have given a buy rating and one has issued a strong buy rating to the stock. Northrop Grumman presently has a consensus rating of "Buy" and a consensus price target of \$347.06.

USAF Completes Critical Design Review of B-21 Stealth Bomber

The US Air Force has completed its critical design review of the Northrop Grumman B-21 Raider, marking another milestone in development of the next-generation stealth bomber.

The technical review, completed on 30 November, ensured the proposed aircraft has a stable and mature design before the USAF moves the program into manufacturing and flight testing. The engineering and manufacturing development phase for the B-21 began almost three years ago, and the aircraft completed its preliminary design review in April.

"The Air Force is pleased with how the program is moving forward," says Air Force secretary Heather Wilson. "The B-21 Raider program is on the right track to make continued progress over the

IN MEMORIAM

Albert P. Bowers, December 6, 2018, worked at TRW from 1963 to 1992.

Dr. John Wallace Dowdee, III, 74, October 30, 2018. He started working for TRW in 1972 and retired from Northrop-Grumman in 2008 and continued as a consultant until 2016.

Bill Gehrke, October 24, 2018. After retirement Bill started the NOVA ex-TRW employees lunches and coordinated them for many years.

John Grosvenor, 93, November 5, 2018. He joined TRW in 1961 and retired in 1991. When he retired he was a high level manager in Quality Assurance.

Richard H. Goodin, 81, December 9, 2018. Rich worked in the aerospace industry at TRW for over 30 years.

Bill Hallmark, September 14, 2018, worked at Space Technology as a Product Integrity Manager.

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.

next few years as it now transitions from the design phase into a robust manufacturing phase that will ultimately produce our first B-21 test aircraft."

The USAF plans for the strategic, long-rage bomber to achieve initial operating capabilities in the mid-2020s. The service plans to buy 100 B-21s – enough to retire by 2040 its fleet of 20 Northrop B-2 Spirit stealth bombers and 62 Boeing B-1B Lancer bombers.

The USAF plans to station B-21s at Dyess Air Force Base in Texas, Ellsworth AFB in South Dakota and Whiteman AFB in Missouri. Maintenance bases for the aircraft will be Tinker AFB in Oklahoma and Edwards AFB in California.

The stealth bombers were estimated to cost \$564 million each, in fiscal year 2016 dollars. The service has not, however, provided an update cost estimate in recent years.

Air Force Gets First Real Look at Future ICBM Designs

Boeing and Northrop Grumman discussed proposed ideas with the Air Force as the service faces a 2019 deadline to specify requirements for the ground-based strategic deterrent (GBSD).

Boeing and Northrop Grumman have presented design options to the U.S. Air Force for a new intercontinental ballistic missile. The companies are pitted in a head-to-head competition to build hundreds of ICBMs that will replace decades-old Minuteman 3 missiles.

Both firms recently discussed their proposed ideas with Air Force leaders as the service faces a 2019 deadline to specify HAPPENINGS - Continued on Page 8





The next NNG will be mailed in March.

HAPPENINGS - Continued from Page 7

requirements and map out a procurement strategy for GBSD.

The companies submitted what is known as "trade studies" to help the Air Force draft program requirements before it releases a final "request for proposals" possibly a year from now.

"We offered the Air Force cost and performance trades for a deterrent that will address emerging and future threats," Frank Mc-Call, vice president of Boeing Strategic Deterrence Systems, said on Friday in a news release.

Carol Erikson, Northrop Grumman vice president for the GBSD program, confirmed in an email to SpaceNews that the company also submitted trade studies.

"Last month, the Northrop Grumman team presented the Air Force with recommendations for defining the GBSD requirements," Erikson said. "This key program milestone was the culmination of years of analysis aimed at helping the Air Force finalize its GBSD design."

McCall said the Air Force as this stage of the program is looking for "opportunities for cost savings" and the studies submitted by the industry will help to set priorities.

Later this year the Air Force is scheduled to begin a "system functional review" that is required in major weapon acquisitions to ensure that goals set for the program can be met within the projected budget and schedule

An estimated \$80 billion program, the GBSD is considered a "must win." Either Boeing or Northrop Grumman, if selected, will own the U.S. strategic missile franchise for decades to come. The stakes also are high for engine suppliers. Each missile is powered by three solid-propellant rocket motors, and only two companies in the United States are able to produce these large rocket motors: Aerojet Rocketdyne and Northrop Grumman Innovation Systems

(formerly Orbital ATK). Aerojet has warned the Air Force and Congress that it needs at least one third of GBSD solid rocket motors production work to remain a viable supplier.

GBSD is seen as a major test for the Defense Department, which has not designed a new ICBM since the early days of the Cold War. The Minuteman was conceived in the late 1950s and first deployed in the early 1960s. The Minuteman 3 was introduced in 1970. It has been modernized over time, and the Air Force concluded it needs to start replacing aging missiles in the 2020s for safety reasons and to ensure it has a modern system to counter Russia's nuclear threat.

The current ICBM force consists of 450 Minuteman 3 missiles located at bases in Wyoming, Montana and North Dakota. The Air Force said it plans to acquire more than 650 missiles under the GBSD program.

After a three-way competition, the Air Force in August 2017 awarded a \$349 million contract to Boeing and a \$328 million contract to Northrop Grumman to mature the designs. If all goes as planned, competitors will present preliminary design reviews to the Air Force in 2020.

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** or by mail to Mail Pouch, P.O. Box 1276, Redondo Beach, CA 90278.