

TRA's

No Name

GAZETTE

For Northrop Grumman & TRW Legacy Retirees

VOL. XXX NO. 1 Renewal

Our 30th Year

January/February 2018

Please Renew Your Membership!

According to our membership database your membership has expired. If you have happen to 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 the Member Directory, with names and addresses of your fellow retirees. Your dues also support the operation of our web site with its articles, news, and member forums.

You now have two choices 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 2018 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!



Election Results for 2018 Officers

Thanks to all of our members who took the time to vote. The 2018 Officers are Mary Ann Chory, President; Al Hausrath, Vice President; Michael Narigon, Secretary; Charles Clendening, Treasurer; and Dena Bouskos, Immediate Past President.

Newly elected Directors are Carol Schamp, Reggie Jue and Marcy Morrison. Carry-over Directors from 2017 are Jack Trost and Bob Doll.

Ballots were received from 25% of our members; 56% by mail and the remainder from online voting. Members who responded to our survey felt that TRA was exceeding their expectations. We appreciate your kind words with respect to the recent membership directory, the Mail Pouch column, and member events.

In 2018 we are planning to sponsor more off-site groups like the TRA chapter meetings on Page 2. To do so, we are looking for volunteers in other geographic locations who would like to work with us. If interested, contact us using the information on Page 2. ◆◆◆

Membership Chair Needed

TRA is looking for a membership chair. Responsibilities include keeping our membership database (in Excel) current with address changes and new memberships, generating mailing lists, and generating reservation lists for our activities. Expertise in Excel is required. If interested, please contact us using the information on Page 2.

Upcoming Events

Spring Fling TBD April, 2018
Summer Reunion TBD August, 2018

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!

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Thank You for Being a Member

Because you have paid your dues for 2018 (or beyond, check your mailing label for your paid thru year) we don't have to remind you to renew your membership.

As you know, TRA membership is a real bargain. The NNG provides you with happenings at Northrop Grumman, the Mail Pouch, special articles with information about our members, and signups for and articles and photos on the Spring Fling in April, the Summer Reunion in August, and the Holiday Party in December. We periodically publish the Member Directory, with names and addresses of your fellow retirees. Your dues also support the operation of our web site with its articles, news, and member forums.

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! ♦♦♦

HAPPENINGS AT NORTHROP GRUMMAN

Northrop Grumman Tapped to Deliver Three Triton UAV

Naval Air Systems Command has awarded Northrop Grumman a contract to acquire an initial production of three MQ-4C Triton unmanned aerial vehicles. The terms of the deal, announced by the Department of Defense, come under a \$255.3 million fixed-price-incentive contract, which is a modification to a previously awarded contract.

Northrop Grumman will provide three MQ-4C Triton unmanned aircraft, which includes trade studies and tooling, in support of the Persistent Maritime Unmanned Aircraft Systems Program Office at Naval Air Station Patuxent in St. Mary's County, Md., where Naval Air Systems Command is headquartered.

The MQ-4C Triton is a derivative of the RQ-4 Global Hawk surveillance unmanned aerial vehicle. The Triton has a range of over 9,000 miles and can hover for up to 24 hours before needing to refuel.

Triton is designed as a sensor platform for high-altitude, long-endurance surveillance missions over ocean and coastal areas, deploying its maritime radar, electro-optical and infrared cameras, communications relays and electronic support measures systems.

The Navy plans to use the Triton alongside the P-8 Poseidon maritime patrol aircraft as the Navy's primary long-range aerial intelligence, surveillance and reconnaissance platform.

Navy officials have previously said they plan to purchase 68 Tritons as part of the drone fleet.

U.S. Air Force Selects Northrop Grumman as Partner on Ground Based Strategic Deterrent Program

The U.S. Air Force has selected Northrop Grumman Corporation as one of two companies to mature designs for the Ground Based Strategic Deterrent (GBSD) program, the nation's next Intercontinental Ballistic Missile (ICBM) system.

The company was awarded a \$328 million contract to execute the Technology Maturation and Risk Reduction (TMRR) phase of the GBSD program.

"We look forward to the opportunity to provide the nation with a modern strategic deterrent system that is secure, resilient and affordable," said Wes Bush, chairman, chief executive officer and president, Northrop Grumman. "As a trusted partner and technical integrator for the Air Force's ICBM systems for more than 60 years, we are proud to continue our work to protect and defend our nation through its strategic deterrent capabilities."

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TRA for Northrop Grumman Retirees

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

2018 Officers

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

2018 Directors-at-Large

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

Webmaster: Reggie Jue

Membership and 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
Photography: Jack Trost, Mary Holcomb
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 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.

TRW/NG Retirees Meetings Around the US

GROUP	MEETING LOCATION	DATE & TIME	OTHER INFO	CONTACT
TRA	Bldg. E2/B114, Space Park	3rd Thursday Monthly	Business Meeting 1:30 p.m.	All members welcome, contact TRA prior to attendance to arrange for escort.
ATD Friends & Colleagues	Palos Verdes Golf Club, 3301 Via Campesina, PVE, CA 90274 310-375-2533	First Tuesday, November 6, 2018, 11AM - 2PM	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

ATD Colleagues and Friends Luncheon, November 7, 2017

Photos by Jack Trost



Bob Doll, Carolyn Hoefer, Carol Schamp, Cindy McCully, Bruce Marcus, Dan Tam, Sharon Jang



Bill King, Lynn Bridgman



Richard Ishibashi, Bob Doll, Jeff Raab



Charlie Clendening, Dick Ackerman, Pat Pumphrey, Bruce Marcus



Dick Schremser, Denny Sowers, John Chedotte



Alan Eskovitz, Mac Chapman, Herb Suer



Cindy McCully, Jess Logan



Dwight Moberg, June Moberg, Diana DiDomenico, Norm Richman



Arnold Silver, Dena Bouskos



Cecile Valliere, Bob Marohn



Sharon Nixon, John Latimore, Gary Moir



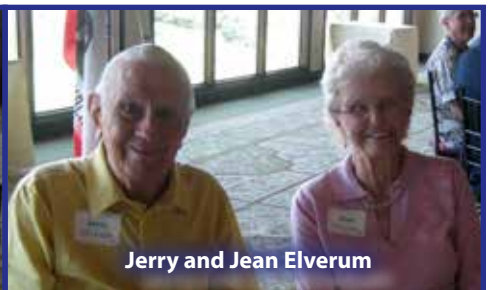
Marcy Valley, Hagop Injeyan



Jackie Gish, Don Miller



Dick and Miriam Ackerman



Jerry and Jean Elverum



TRA's Holiday Party December 1, 2017

Photos by Mary Holcomb. To see all her photos of this event, visit www.tra-spacepark.org.



The Restaurant



Event Committee: Rochelle Venegas, Marcy Morrison, Nicki Noble



Your TRA Board



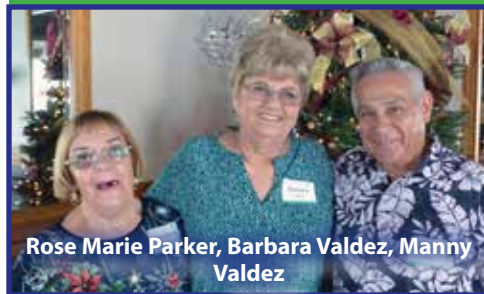
Mary Jane and Carl Holcomb



The Band



Gift Baskets



Rose Marie Parker, Barbara Valdez, Manny Valdez



Joe Villa, Mary Garcia, Vera Villa



Karen White, Rob White, Holly Osborne, Jim Becker, Michael Narigon



Karin Petersen, Hermann Schurr, Dick Sherwood, Barbara Harold, LeRoy Harold



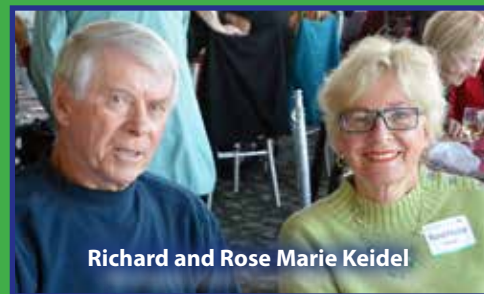
Susan Bronstein, Joan Solzio, Bernard Bronstein, Gerald Sozio



Linda Greer, Sherry Adame, Cathy Wittig, Dena Bouskos



Jennie Shitakubo, Margaret LoCarnini, Patricia Dobbins



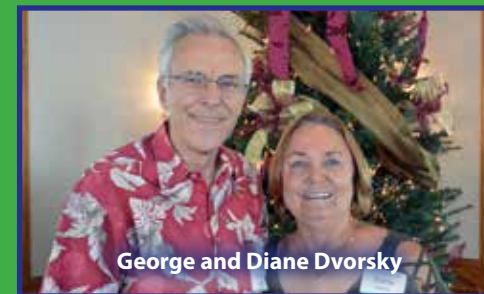
Richard and Rose Marie Keidel



Ralph and JoAnn Kaye



Clifford and Winnie Pang



George and Diane Dvorsky



Susan Doll, Bob Doll, Darrell Ausherman



Dick and Ann Rose



William and Cecilia Misner



Leah and Tom Nosek



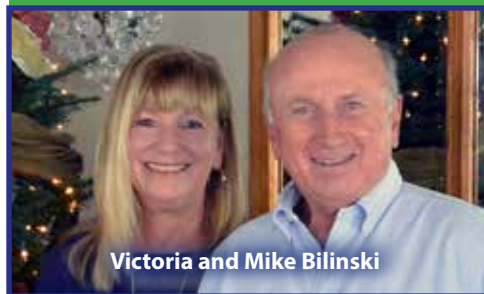
Rudy and Beatrice Flores



Esau and Jacob Wilder



Jack and Amy Williams



Victoria and Mike Bilinski



Shu Mei Stein, Lawrence Lynn



Kathy and Rich Downey



Alice Pauls and Lyman Pauls, Jr.



Dick Sherwood and Judith Stewart



Betty and William Ryan

Photographs of SpaceX Iridium-4 Launch

By Michael Narigon

One of the things I do now that I am retired is follow live-streamed rocket launches. I have had some luck directly seeing Vandenburg launches from the Los Angeles area. For example, I have caught a couple Minuteman test launches because they are visible even in daylight because of the solid rocket motor plume.

Knowing that SpaceX was planning a launch from Vandenburg on Friday, December 22nd, I was out on the balcony of our house with my laptop and phone during the countdown.

Sure enough, it was a sight to see as the photos below show. The launch was in twilight and the sun was illuminating the frozen water vapor from the first and second stage rocket plumes. I was able to see the first stage rise above the Malibu hills, the separation of the two halves of the shroud from the payload, and the first and second stage separation.

Even though SpaceX had announced that they didn't plan to recover the first stage, I could see that they practiced the first stage re-entry with thruster firings from the first stage visible as it re-oriented to fire its main engine, and finally the first stage firing again to slow it down for a recovery landing.



Moon, second stage (firing,) first stage



Plume dissipating in the wind

Locations Wanted

Do you belong to or know of clubs/lodges/banquet halls that can handle 100-150 people that might be available for future South Bay TRA events? If so, please contact TRA using the information on Page 2.

Important Contacts for Retirees

Northrop Grumman transitioned the administration and record-keeping services for its employee and some retiree benefit plans to Fidelity NetBenefits. 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

New TRA Members

Marty Beck	Manhattan Beach, CA
Sharon Brown	Long Beach, CA
Young Choung	Rolling Hills Estates, CA
Walt Hein	Murrieta, CA
Susan Hemstock	Manhattan Beach, CA
Kay Maffei	Torrance, CA
Richard Oshiro	Cerritos, CA
Dale Parker	Trabuco Canyon, CA
Peggy Paul	Redondo Beach, CA
William Slobodian	San Pedro, CA
Daniel Tam	Rancho Palos Verdes, CA
Rod Warren	Hawthorne, CA
Linda Williams	Torrance, 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. ◆◆◆

HAPPENINGS AT NORTHROP GRUMMAN

Sunshield Deployed and Layers Fully Tensioned on James Webb Space Telescope

Northrop Grumman Corporation, which designed NASA's James Webb Space Telescope's (JWST) optics, spacecraft bus, and sunshield for NASA Goddard Space Flight Center, has deployed the sunshield subsystem and fully tensioned the five sunshield layers for the first time.

"The first tensioning of the sunshield is a monumental and exciting moment, not only for the program but for the collaborative JWST team," said Scott Willoughby, vice president and program manager, JWST, Northrop Grumman Aerospace Systems. "The innovative sunshield is an industry first, and will protect Webb's optics from heat, making it possible to gather images of the formation of the first stars and galaxies more than 13.5 billion years ago."

In space, the sunshield subsystem divides the JWST observatory into a warm sun-facing side and a cold space-facing side comprised of the optics and scientific instruments. The sunshield subsystem, which includes the structure and mechanisms required for deploying the five-layer subsystem, was designed, manufactured and assembled by Northrop Grumman, with the five membrane layers manufactured by the NeXolve Corporation in Huntsville, Alabama.

The flight membranes will be folded, stowed and tensioned again two additional times for testing. The folding and stowing method is how the membranes will be folded and stowed for launch. The sunshield layers, each the size of a tennis court, will protect and prevent the background heat from the Sun, Earth and Moon from interfering with JWST's infrared sensors.

The sunshield layers, each as thin as a human hair, work together to reduce the temperatures between the hot and cold sides of the observatory by approximately 570 degrees Fahrenheit. Moving from the sun-facing layer to the one closest to the telescope, each successive layer of the sunshield, which is made of Kapton, is cooler than the one below. The sunshield, along with the rest of the spacecraft, will fold origami-style into an Ariane 5 rocket.

JWST, the scientific complement to NASA's Hubble Space Telescope, will be the premier space observatory of the next decade. JWST is an international project led by NASA with its partners, the European Space Agency and the Canadian Space Agency.

Orbital ATK Shareholders Vote to Approve Acquisition by Northrop Grumman

Northrop Grumman Corporation is pleased that the shareholders of Orbital ATK have approved the company's proposed acquisition of Orbital ATK.

"We are delighted to see that Orbital ATK's shareholders have approved the proposed acquisition," said Wes Bush, chairman, chief executive officer and president, Northrop Grumman. "Bringing together these two great companies will benefit our customers, shareholders and employees. The combination will provide increased competition, greater innovation and a broader set of capabilities, to help our customers solve their toughest challenges."

Northrop Grumman continues to expect the acquisition to close in the first half of 2018, after receiving regulatory approvals.

IN MEMORIAM

Robert E. Brooks, Ph.D., 82, November 11, 2017, 32 years at TRW, 34 patents.

Donald I. Broutt, 84, August 28, 2017, Retired 1992.

Enrique L. Chacon, 89, TRW spacecraft assembly and test.

Richard E. Jones, 96, November 14, 2017.

Robert Leaf, 80, November 2, 2017.

Albert C. Lee, 92, September 7, 2017, Electrical Engineer, Retired 1992.

Donald M. Piehler, 83, October 5, 2017, Minuteman I, II, and III flight testing management, opened the TRW Colorado Springs Office.

Peggy Whitt Troy, 72, November 18, 2017.

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 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.

Sign Up for Our First JWST Tour

Thanks to Mary Ann Chory, Reggie Jue, and our tour volunteers, TRA is pleased to announce signups are available for our first James Web Space Telescope (JWST) tour, scheduled for February 13, 2018 at 10:30 AM at the Space Park facility in Redondo Beach, CA. This free event is for TRA members and guests who are U.S. citizens. Signups are available first-come, first-served, on our website at www.tra-spacepark.org. No mail-in or phone signups will be accepted. If you haven't registered for our website there is a simple, one-time registration process available through the home page. Signups will close February 6 (or earlier if we fill up) so that we can forward the tour attendee list to Northrop and get visitor badges printed. Note that the Building S Cafeteria will be open until 1:00 PM so you might meet up with friends and have lunch at the cafeteria after the tour.

Upon your signup and notification that you have been accepted for the tour, please plan to meet in the Space Park Building E2 lobby roughly 20 minutes before the tour starts to be signed in. You will need to bring a valid form of government-issued identification, such as a state driver's license or U.S. passport. As part of the tour we will be walking between buildings and going up and down stairs. No photography is allowed.

Depending on demand and interest we plan to schedule more tours as JWST integration progresses. According to the program schedule the spacecraft and sunshade should be viewable in the high bay for this first tour. The Optical Telescope Element should be received at Space Park but will likely still be in its shipping container. ♦♦♦



P.O. Box 1276
Redondo Beach, CA 90278

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Torrance, CA

The next NNG will be
mailed in March.

FACEBOOK POSTS

Past and current NG/TRW employees who have Facebook accounts may become members of the NG/TRW Facebook group. The page at www.facebook.com/help has information on how to create a Facebook account. Once you have an account, enter NG/TRW in the search box on the Facebook home page, and the group should show up among the results.

On the NG/TRW page, on the right side, there will be an "Add Members" box. Click on the number of members text to bring up the list of members. Click on a member you know 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, then to the "Add Members" box, and enter your Facebook name or your email address. Once you're added to the group, you'll be able to see and enter posts.

Happy Facebooking!

◆◆◆ **Mary Ann Chory** shared JWST status with a link to a Daily Breeze article on the Optical Telescope Element completing its environmental test ◆◆◆ **Michael Kahr** posted a link to a NG JWST integration timelapse video ◆◆◆ **Anne Ostroff** is looking for someone who can use Autocad Civil 3D to help validate a developer's claim on the amount of cut and fill required on a local development ◆◆◆ **Mike Weasner** posted an article on him teaching 4th graders about astronomy and light pollution ◆◆◆ **Suzanne Fuentes** posted an article from (r)evolution, the current NG employee newspaper, that featured **Rob Zmarzlak** ◆◆◆ **Richard Assai** posted a photo of his TRW-labelled coffee mug ◆◆◆ **Gail Basse** posted a photo of a 1983 Malibu Renaissance Fair bus trip. Various commenters were identifying the attendees ◆◆◆ **Carol LeCoff** posted a photo of her Team THEL coffee mug ◆◆◆ **Richard Brehove** continued a thread posting his badge

number and hire date ◆◆◆ **Cindy Kohlmeier** posted an essay "Now I Just Have Clothes," reflecting on her 30 years of getting dressed up to go to the office and then at night changing into her casual clothes. Now being retired she just has casual clothes ◆◆◆ **Robert Morris** posted a presentation by **Bob Doll** and **Jack Williams** on the Northrop Grumman Space Systems Division history ◆◆◆ **Stephanie Sundius** posted about the TRA Holiday Party ◆◆◆ **Bill Putnam** posted on his involvement, while at TRW, with setting up the Taiwan National Space Program Office ◆◆◆ **Kim Gibson** posted a photo of her TRW note stationary ◆◆◆ **Lynn Boro** posted a photo of her TRW Quality (Koala-T) Bear ◆◆◆ **Martin Melnick** posted a photo of some of the TRW Defense Support Program leaders ◆◆◆ **Pat Talbot** posted a set of charts on the search for exoplanets ◆◆◆ **Lynn Onak** posted some photos from Riverside, IA, the future home of **James T. Kirk** ◆◆◆ **Wayne Miller** posted a photo of a Vacuum Insulated Power Supply mission patch ◆◆◆ **Jerry Wiltz** posted a photo of his Northrop Grumman Space Technology folio ◆◆◆ **Melissa Joliff** posted an article of the reopening of the Proud Bird restaurant ◆◆◆ Passings: **Michael Porter, Jimmy McCaverty, Curtis Morimoto, Pat Campisi, Dudley Killam, Jerry Bullard** ◆◆◆

Mail Pouch

Al took a break this edition because he is 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.