

**TRA's**

No Name

# GAZETTE

**For Northrop Grumman & TRW Legacy Retirees**

VOL. XXV NO. 3

April/May 2013

## Dr. Si Ramo now a Centenarian

### Annual Meeting is Friday, June 21

TRA's big Annual Business Meeting will be Friday, June 21, at the S Building Forum and Patio Cafe, from 11 to 3. TRA is taking advantage of the empty campus for our annual meeting. Our program will be a video of Si Ramo's witty remembrances at his 100th Birthday Party at Space Park. In addition, meet old friends, have a fine free lunch, and take in the Arts and Crafts made by our own retirees. Information tables from Northrop Grumman Benefits, TRA Travel Committee, Western Federal Credit Union, and TRA Membership will line the walls. And bring some money. The Company Store will be selling See's Candy coupons (17% off) and other NG mementos.

Members of TRA may bring a spouse or one other guest. Meal tickets will be issued when you sign-in at the tables provided at the top of the stairs. No one will be served without a ticket.

Attendees unable to negotiate the stairs down to the patio level may use the elevator access through the East Entrance to the building if they bring an ID and identify that need on their reservation form.

It takes a lot of planning to provide all this. So PLEASE send in your reservation form now. You can either mail it in or register by email. Send email reservations to [summer@tra-spacepark.org](mailto:summer@tra-spacepark.org) and include name, full address, membership number (from mailing label), number attending, and elevator access info if needed.

TRW cofounder Dr. Simon Ramo celebrated his 100th birthday on May 7. TRA dedicates this issue of the No Name Gazette to honoring what he did for us, former employees of TRW.



Drs. Ramo and Wooldridge did not just form another aerospace company; TRW was a special place from its early R-W days through to its acquisition by Northrop Grumman. Dr. Ramo brought a system perspective and breadth of view that permeated every aspect of the work done there. The facilities and organization details made TRW's projects true team efforts. As we retirees look back on our interest-

ing careers at the company, here are some of our comments:

- A campus layout, not just a few huge buildings.
- Offices instead of "bull pens"
- Encouragement to pursue relevant research subjects even if not immediately applicable
- Availability of secretaries and Administrative Professionals
- Individual telephones for members of the technical staff (MTS)
- Broad salary categories like MTS, in contrast to narrow classifications like Jr. Design Engineer, Sr. Design Engineer, etc.
- Adequate close-in parking with very few reserved spots
- One style of badge for employees at all levels
- The availability of trivial supplies without going through paper work
- A true team spirit that made working fun
- A great diversity of technical skills readily available within the company
- Great opportunities for advancement within the company

Thank you, Dr. Ramo, for making this happen.

*Continued on Page 7*

#### Reservation Form — TRA's Annual Meeting

Friday, June 21 from 11 to 3 in the S Building Forum at Space Park

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

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

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

Membership No. (from mailing label on back page) \_\_\_\_\_

Number attending: (limit, 2 adults) \_\_\_\_\_

Yes, I will need elevator access to the patio

Detach and mail to 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.

### 2013 OFFICERS

Darrell Ausherman ..... President  
 Dena Bouskos..... Vice President  
 Bob Doll ..... Treasurer  
 Jay Seidman ..... Secretary  
 Jack Trost ..... Immediate Past President

### 2013 DIRECTORS-AT-LARGE

Budd Cohen, Ira Green, Rose Marie Keidel, Marcy Morrison, Carol Schamp, and Jack Williams.

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

### Publication Staff:

Al Hausrath, Editor; Frank Warren, Contributing Editor; Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers; Lee Rathbone, Carol Schamp, and Karin Petersen, Copy Editors.

## Contacting TRA

### By Mail:

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

### By Phone:

310-833-5827

### By Email:

[TRA@tra-spacepark.org](mailto: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 at infrequent intervals. To get on the TRA email list, just send us a brief email requesting to be added to it.

### By Web Page:

Our web page 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. Log on and browse.

### For Membership:

TRA Membership is open to all Northrop Grumman and TRW legacy retirees at \$10 per calendar year. First year free. Application on web page or call 310-833-5827.

## NG/TRW Retirees Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S/Cafeteria, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m.	No reservations needed. All Members Welcome
ATD Friends & Colleagues	Hacienda Hotel El Segundo	1st Monday in Nov. 11 a.m. to 2 p.m.	Social, Nostalgia and Lunch Res Deadline: Fri. 10/25/2013	Don Reeves, Jack Trost, Carol Schamp cschamp@aol.com 310-377-2194
Brevard Retirees	Various Locations in Brevard, N.C.	1st Wed. 8 a.m. 3rd Wed. 5 p.m.	Social	Al & Daughn Connarn 828-884-4993 aconnarn@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	Various days: call Zaiser for details	Social	George Zaiser 805--343-2631 gzais@msn.com
Houston Chapter	Baybrook Denny's, 19212 Gulf Fwy Friendswood, Tex.	3rd Tuesday 8:30 a.m.	Social	Gary Dinsmore 281-461-6270 samngary@att.net
Huntsville Chapter	Ryan's Buffet 1808 W. University Drive, Huntsville	2nd Tuesday 11:30 a.m.	Social	Jim Troy 850-797-0044 www.TRA-Huntsville.org
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 fiftysumthn300@yahoo.com
Northern Virginia	Old Brogue Pub Great Falls, Va.	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
NW Riverside County, Hemet	The Church of the Good Shepherd Hemet, Calif.	4th Thursday 11:00 - 2:00	Social	Rosalie Moyer 951-925-1214 Glenn Ortiz 951-679-1015
Ogden	Cracker Barrel Restaurant Layton, Ut.	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.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	Various Locations in the Temecula/Murrieta Area	Third 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	Community Room, WFCU Western Way, Torrance, Calif.	2nd Thursday 1:00 p.m.	Investment Info based on monthly newsletter reviews	Mike Pauls 310-379-2707 lmikep@earthlink.net
Ventura Romeos	Mimi's Cafe Thousand Oaks	1st Tuesday Lunch	Social	Fred Blaich 805-499-0012 or Harry Stroud 805-653-5117

**IN MEMORIAM**

<b>Name</b>	<b>Date of Death</b>
Raymond Bertolo	March 12, 2013
Marjorie Jean (Childs) Black	February 2, 2013
Silverio E. Bulatao	July 1, 2012
Maynard Ells	March 11, 2013
Hobart Earle Gaar	February 25, 2013
Helen H. Garcia	December 4, 2012
J. Paul Herbert	March 28, 2013
Raymond Humphries	October 29, 2012
Herbert F. Mauner	March 23, 2013
Charles T. Moody, Jr.	December 6, 2012
Mary Anne Sayer	December 10, 2012
Eugene B. Schrier	February 16, 2013
Thomas John Sereno, Sr.	January 15, 2013
Stephen J. Shane	March 7, 2013
Ernest Stern	June 7, 2004
Chester Stevenson	February 20, 2013
James Frederick Yurk	December 11, 2012

The first step in notifying Northrop Grumman of a retiree's death is to call the Benefits Service 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. The Benefits Center does NOT notify TRA of the death due to privacy laws.

If you know of a deceased retiree that should be included in the "In Memoriam" column in future NNGs, please submit the following by mail or email to the TRA office: name of the deceased; date of death; and the name of the person submitting the information.

**Recent New Members**

We welcome the following members.

Richard J. Allen	Irvine, CA
Manuel I. Cruz	Ruidoso Downs, NM
Peeverley J. Hukill	Rancho Palos Verdes, CA
Roscoe Lee	Nassau Bay, TX
Cynthia N. McCully	Rancho Palos Verdes, CA
Mae M. McKay	Bellflower, CA
Patti Patterson	Torrance, CA
Thomas E. Romesser	Torrance, CA
Linda Rosenfeld	Redondo Beach, CA
Lynn Scolman	Eugene, OR

We hope these new members will send a note to us for the Mail Pouch, telling us a little about themselves and where they worked at Northrop Grumman. Send to tra@tra-spacepark.org or to TRA, P.O. Box 1276, Redondo Beach, CA 90278.

**Important Contacts for Retirees**

**Northrop Grumman Benefits Center**

www.benefits.northropgrumman.com

Select "Retiree Connection"

Or by phone: 800-894-4194

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

**Express Scripts (Rx)**

www.express-scripts.com or 800-655-1971

**19th Art & Craft Show June 21**

Show your fellow retirees your long-hidden artistic talent. Before retirement you were too busy earning a living to follow your artistic pursuits, but look what you have accomplished since you retired. Come share it with us at the very popular Art & Craft Show, held in conjunction with the Annual Business Meeting on Friday, June 21. This exhibition and sale provides a venue for TRA's talented to showcase their creations.

Easels and display tables will be available to satisfy display requirements. As usual, there will be no cost to the exhibitor.

If you plan to exhibit your work, please return the application form. Artist-Exhibitors must be paid-up TRA members or their spouses, and may exhibit only their own work. No third party exhibitions or sales, please. Once your application form is received, you will be contacted for information on your needs for display space or other special requirements. June is right around the corner so call Bob Rupkey at 310-545 2669 or Marcy Morrison at 310-316-0756 to make sure your space is reserved. The reservation deadline is June 14, 2013.

**Artist-Exhibitor Application**

I would like to exhibit my work at the Art & Craft Show in conjunction with the TRA Annual Business Meeting on June 21, 2013.

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

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

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

Phone: \_\_\_\_\_

Membership No. (From mailing label): \_\_\_\_\_

Please attach a brief description of the material you would like to display.

Clip and mail to TRA, P.O. Box 1276, Redondo Beach, CA 90278 or email the same information to Bob Rupkey at rrupkey@flash.net



The Activities Committee



# THE ALICE LORD SPRING FLING

April 11, 2013

The Proud Bird Restaurant was again the site of TRA's Spring social. These photos by Mary Holcomb show a few of the attendees at this annual event. To see all the photos, visit our web page at [www.tra-spacepark.org](http://www.tra-spacepark.org).



Marcy Morrison  
Chairperson  
Activities



President  
Darrell Ausherman



Bea Harris  
Lourdes Monzon



Barry Dunbridge



Pat Holman



Dena Bouskos



Erika  
Byczkowski  
Irv  
Cohen



Evelyn  
Hill  
Dorian



Jane & Gary Moir



Herc & Barb Smith



Pauline Nordir  
Kris Greer



Phyllis & Harry Elmendorf



Rich & Kathy Downey



Tara & Robert Shepard



Richard & Virginia Masters



Alex Egger



Bob & Yvette Paulson



Bernie & Susan Bronstein



Roger & Jeannie Harmon



Mary Coward  
Donna Rieb



Bea & Rudy Flores



David & Valerie Dingwall



Joan & Dorr Looman



Emmi & Bill Buck



Jim  
Scarborough



Bill & Miriam Ramos



Marian Swire



Bill & Betty Ryan



### Still Haven't Renewed?

Does your mailing label on Page 8 read *Paid Thru 2012*? This is your last chance to renew your TRA membership without missing a single issue. Send a check for \$10 to TRA, P.O. Box 1276, Redondo Beach, CA 90278 to continue your membership. Please include your name, address, and membership number from the mailing label.



## HAPPENINGS AT NORTHROP GRUMMAN

### Northrop Grumman (NG)

- FALLS CHURCH, VA — NG will close its Dominguez Hills facility in Carson. Currently, about 800 employees of the Information Technology Sector work there. The



By Frank Warren

move will be done in phases and be implemented over a two year span, beginning this year. While the move will relocate the present employees to other NG facilities nationwide, the net effect on NG's California workforce is expected to be "neutral." The Dominguez Hills campus was built in 1987 for TRW. The move is part of a

larger consolidation effort in anticipation of a prolonged period of Defense Department budget reductions.

- FALLS CHURCH, VA — As part of its consolidation efforts, NG has designated five design and integration centers. They are: unmanned systems center, Rancho Bernardo, CA; manned aircraft design center, Melbourne, FL; electronic attack center, Bethpage, NY; and two aircraft integration centers, St. Augustine, FL and Palmdale, CA.

### Aerospace Systems Sector (NGAS)

- CARPINTERIA, CA — NGAS will provide 48 more self-deploying, monopole JIB antennas for Global Positioning System (GPS III) satellites under a follow-on contract from Lockheed Martin Corporation. The work will be carried out by Astro Aerospace, a strategic business unit of Northrop Grumman. With an adaptable design configuration, JIBs can be tailored to specific applications; they are available in monopole diameters from ½ inch to 1 3/8 inches and any length up to 25 feet. Each antenna stows in a compact 4-inch by 4-inch by 2.5-inch canister. "The GPS constellation is a key U.S. asset used by millions around the globe every day. The antennas we supply are designed to help Lockheed Martin and the Air Force meet affordability and mission assurance goals for the next generation of GPS satellites," said John Alvarez, Astro Aerospace general manager. "GPS III will improve position, navigation and timing services and provide advanced anti-jam capabilities yielding superior system security, accuracy and reliability."
- SAN DIEGO, CA — The Multifunction Advanced Data Link (MADL) waveform developed by NGAS was successfully demonstrated in a Lockheed Martin F-35 Lightning II joint strike fighter program flight test,

validating an eight-year development effort to advance communication among fifth-generation aircraft. MADL is a high-data-rate, directional communications link. It allows coordinated tactics and engagement to bring significant operational advantages to fifth-generation aircraft operating in high-threat environments. MADL is a key capability provided by NG's F-35 integrated communications, navigation and identification (CNI) avionics. The F-35 CNI avionics flying onboard two Lockheed Martin F-35 aircraft established the MADL link between two airborne platforms for the first time. Data passed between aircraft via MADL was correlated with data from other F-35 sensors by Lockheed Martin's fusion system to form a simplified situational awareness picture on the cockpit displays.

- WOODLAND HILLS, CA — NGAS has been awarded a follow-on Phase II contract by the Defense Advanced Research Projects Agency (DARPA) to demonstrate an open architecture system that enables plug-and-play navigation under the All Source Positioning and Navigation (ASPN) program. The ASPN program seeks to enable low-cost, robust, and seamless integration of navigation sensors. Northrop Grumman is leveraging its scalable node architecture to provide a reconfigurable plug-and-play system that will accommodate any combination of a large and rapidly expanding array of sensors and measurements as they become available from different vendors or as the mission requires. Under an 18-month contract, Northrop Grumman will demonstrate the scalability of its open architecture by implementing it into Android-based hand-held devices such as mobile phones. The architecture is scalable across navigation systems – from low-cost personal devices to high-end aircraft navigators – and will significantly reduce integration costs.

### Future TRA Events

- Annual Business Meeting – June 21, 2013**
- Bob Sackheim talk at Western Museum of Flight – July 20, 2013** (A full announcement will be in the June NNG)
- Holiday Party – December 6, 2013**
- Alice Lord Spring Fling – Mid April, 2014**

*Continued from Page 1*

## **A Very Brief Summary of Ramo's Outstanding Career**

Si Ramo was born in Salt Lake City, Utah, on May 7, 1913. He entered the University of Utah at the age of 16, and earned a B.S. in Electrical Engineering. By 1936, at the age of twenty-three, he had earned dual PhD degrees from Caltech in Physics and Electrical Engineering.

From 1936 to 1946 he led electronics research at General Electric. Then he moved to Hughes Aircraft, where he was director of research for the electronics department. Here he teamed up with Dr. Dean Wooldridge.

By 1953 both Ramo and Wooldridge were frustrated with management problems at Hughes, and in September they jointly resigned, and a week later they had formed the Ramo-Wooldridge Corporation.



*Wooldridge, Ramo, and their secretary, Aimee Joy, in front of the first R-W office in El Segundo. September 16, 1953*

Dr. Ramo is a founding member of the National Academy of Engineering and a member of the National Academy of Science. He has been honored with Fellow status in many professional organizations. He has counseled with some of the U.S. Presidents and was a mentor to a number of Executive Vice Presidents and CEOs in TRW and Northrop.

Simon is an accomplished violinist who held a regular Sunday chamber music quartet at his home. He was also an avid tennis player. He has written over two dozen books on a variety of subjects including electronics, economics, tennis, and management, dating from 1945 to 2011.



*The magazine cover that made them nationally know, dated April, 1957.*



*Si with his violin*



*Si at his tennis club.*



# TRA

P.O. Box 1276

Redondo Beach, CA 90278

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**The next NNG will be  
mailed in early June**

## THE MAIL POUCH

*Thanks to all of you, the Mail Pouch has a big backlog. We are working through these in chronological order, so please be patient. And please keep those notes coming in.*

◆◆◆Mail Pouch did its best to enlarge **Gail Weage's** family by five sons in the March NNG, but she complained by politely pointing out our error. Our apologies◆◆◆Even though she is 92, **Jacqueline Johnson** still likes to gamble; she just renewed her membership for two more years. Their slowing down swan song was a five-week European trip last year. But neither are they just stay-at-homes. She's driving a new Mini Cooper convertible and husband **Oa Walker** is driving a bigger one◆◆◆**Paul** and **Carol Courcy** also are new car owners. They took their new Subaru Impreza on its first road trip, to Death Valley, just in time to catch one of its rare rain storms◆◆◆Another travelling retiree is **Fran Paxson**. Her big adventure last year was a Caribbean cruise with her whole family including a 1-year old baby. She is a volunteer at the AA terminal #4 at LAX, working at the help counter◆◆◆**Paula** and **Bob Hall** stay busy in Redondo Beach. She enjoys her Bridge and quilting, while Bob writes a monthly newsletter for his WWII buddies◆◆◆In 1998 **Howard Grossman** and his wife purchased a cottage in North Luffenham, England, population 750 counting them. It's located about 50 miles north of London, and is home to the Grossmans each year during the warmer months◆◆◆North San Diego County, with its many beautiful golf courses has captured another pair of retirees, **Ronald** and **Bonnie Cline**. If not on the fairways, they are either cruising or RVing◆◆◆**Hank Warzybok** also laments the closing of the Aviation Park exercise facility to NG retirees. He used the track and facilities during his 29 years at TRW, and has continued regular exercise since then◆◆◆Where's **Ginny Oliver**? Home is in El Segundo, but her daughter, Cindy, and family have moved to Fresno, where you can often find Ginny◆◆◆**Sydelle** and **Gene Rothstein** together logged in 50 years at TRW (Gene 33, Sydelle 17). She sends regards to all their former colleagues◆◆◆Are **Lyle** and **Marjorie Nelson** the cruise champions of TRA? Since his



By Al Hausrath

retirement 20 years ago they have completed 90 cruises encompassing 1,465 days at sea! Slowing down? Hardly. They have two cruises scheduled for 2013 for 89 more days on the waves◆◆◆**Lourdes Monzon** defines retirement as "heaven." The freedom to GO!, with no wait for vacation time. Off to Paris last year; 2013 means Mexico and Hawaii◆◆◆**Carole Morse** has moved east, 8 miles east, from Penn Valley to Grass Valley, CA. She volunteers at a cat rescue center, and loves the work◆◆◆But 15 years ago, **Bernie** and **Betty Roseman** really did move east, to Ambler, Pa, to be near their g'kids. Now they are both busy in the non-profit world, working on the Board of Directors for several charities◆◆◆Mental and physical exercise advice from **Bill Schwennick**: *Teach internet and reshelve books at your local library*◆◆◆Guess who's visiting the Tomren Farm on Tomrenfjord in Western Norway? It's **Doug Tomren**◆◆◆**Laura Linfield** reads in the Mail Pouch about many retirees who have family members at NG. She proudly boasts of TRW retirees **Robert** and **Debbie Linfield**, as well as **Eric Linfield**. Currently at NG are her son-in-law **Jamie A. Picking** and grandson **Jamie R. Picking**. Laura is in Pleasant Grove, Utah, but her heart is in still in the South Bay◆◆◆Did you see that big group in Manhattan Beach? **Lou** and **Adele Rosales** have 5 of their 6 kids and 8 of their 9 g'kids nearby. Lou keeps up with his old TRW crew from the Materials Engineering Department and loves his retirement◆◆◆Good and bad news from **Al Hashimoto** in Las Vegas. The good news: He liked the photos of some of Gamma Ray Observatory team at the Holiday Party. And he's happy to hear of **Bobbie Love** on the Garden Isle in Hawaii. Lou grew up on the isle. The bad news? After 16 years in Las Vegas, he still has not hit the Mega Bucks jackpot◆◆◆**John Clausen** put in 35+ years at TRW, ending up at TRW Automotive operations in Mesa, AZ. Then he fulfilled his original career objective by teaming with the Chandler Police Department to commission the ninth crime lab in AZ. John and **Karen** escape the summer heat by sport fishing in Alaska◆◆◆