

TRA's

No Name

GAZETTE

For Space Technology & Mission Systems Retirees

VOL. XXI NO. 2

February/March 2009

It's Spring Fling Time — Sign up Now

NG Streamlines Organization Change Reduces Number of Sectors from 7 to 5

TRW entered into a merger agreement with Northrop Grumman on July 1, 2002. Subsequently the Redondo Beach based Space unit was renamed Northrop Grumman Space Technology Sector, while the Reston, Virginia, TRW Systems was renamed Northrop Grumman Mission Systems Sector. On January 7, 2009, CEO Ron Sugar and COO Wes Bush issued a joint statement announcing a streamlined organization that reduced the number of sectors from seven to five, and directly affected these two heritage TRW Sectors.

Aerospace Systems Sector

The Integrated Systems Sector, headquartered in El Segundo, and the Space Technology Sector (NGST) have been combined to form a new Aerospace Systems Sector with approximately a \$10 billion business base and about 24,000 employees.

- Its President is Gary Ervin, formerly President of Integrated Systems Sector.
- The sector has been broken into four divisions
 - **Space Systems Division:** David M. DiCarlo, sector vice president and general manager, leads the Space Systems Division, which is composed primarily of the programs and projects associated with the legacy Space Technology Sector. This includes Civil Systems, Military Systems and National Systems.
 - **Strike and Surveillance Systems Division:** Gerald A. "Duke" Dufresne, sector vice president and general manager, leads this division that includes programs associated with the former Western Region of Integrated Systems, along with the Missile Systems Division from the legacy Space Technology Sector.
 - **Advanced Programs and Technology Division:** Paul K. Meyer, sector vice president and general manager, leads this division that includes advanced concepts, several special programs, along with technology development and emerging systems from all the sector divisions.

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Date: Thursday, April 16

Location: Proud Bird Restaurant

Cost: Just \$15/person

Spring is just around the corner, and with it comes The Alice Lord Spring Fling. Again we picked the Proud Bird Restaurant, immediately adjacent to landing path at LAX, for this fun event. The restaurant is themed after the era surrounding World War II, and even before you step through its doors you will feel as if you have stepped back in time. The Red Barron room is spacious, with views through the windows of some of their collection of WWII fighter planes. Their buffet spreads are outstanding.

To make the event even more memorable, Bob Rupkey, our Activities Chair, will have a surprise entertainer to accompany your meal. Bob has chosen the American selection of food, which includes a great variety of choices. The desserts are wonderful. Come meet your friends, enjoy a great buffet meal, all for just \$15 per person.

Please reserve promptly; this is bound to be a sell-out. It's Thursday, April 16, from 11:00 to 3:00, at the Proud Bird Restaurant, 11022 Aviation Boulevard, Los Angeles. Reservations must be mailed by Wednesday, April 1, 2009. Absolutely no ticket sales or walk-ins permitted on April 16.

SPRING FLING RESERVATION FORM **Thursday, April 16, 2009 11:00 - 3:00**

Retiree Name: _____

Street Address: _____

City: _____ State: ___ Zip: _____

Membership No. _____ Phone: _____
(From mailing label)

Total Number coming ___ at \$15 each = _____

Mail with a check to

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

TRA for Northrop Grumman Retirees

TRA (The Retirees Association) welcomes the retirees of both the Space Technology and the Mission Systems Sectors of Northrop Grumman, as well as the Heritage TRW retirees. The No Name Gazette is our official publication. Our offices are in Building E2 at Space Park

2009 OFFICERS

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 Betty Stover

Contacting TRA

By Mail:

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

By Phone:

310-813-7745 (Our office is staffed only a few days a week. Please leave a message and we will get back to you.)

By E-mail:

TRA@tra-spacepark.org Your e-mails will be routed to the appropriate source. And, if we have your e-mail address on file, we send out special alerts at infrequent intervals. To get on the TRA e-mail list, just send us a brief e-mail requesting to be added to it.

By Web Page:

Our web page 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. Come in and browse.

For Membership:

TRA Membership is open to all NGST & NGMS retirees at \$7 per calendar year. First year free. Application on web page or call 310- 813-7745 and leave a message.

NG/TRW Retiree Meetings Around the U.S.

GROUP	MEETING LOCATION	TIME & DATE	OTHER INFO	CONTACT
TRA	Bldg. S Park Patio Cafe, Space Park	3rd Thurs. Monthly	Business Meeting 1:30 p.m. E2, Rm 1200.	No reservations needed. All Members Welcome
ATD	Alpine Village, Torrance, CA	11:40 a.m. 1st Monday in November	Social, Nostalgia and Lunch	Don Brown, Sandy Friedfeld, Bob Traylor 310-541-1917 or sandjol@aol.com
Brevard Retirees	Various Locations in Brevard, NC	1st Tues. 8 a.m. 3rd Tues. 5 p.m.	Social	Al & Daughn Connam 828-884-4993 aconnam@yahoo.com
Central Coast Chapter	Various Locations in the Central Coast Area	2nd Monday Various times	Social	George Zaiser 805-343-2631 gzais@msm.com
Huntsville Chapter	Call for Location (It's Complicated!)	2nd Tuesday 11:30 a.m.	Social	Jim Troy 256-534-7136 troys@comcast.net
Las Vegas	Various Locations in Las Vegas Metro Area	Last Tuesday 11:30 a.m.	Social	Carol Noblet 702-889-6773 fiftysumthn@aol.com
Northern Virginia	Squire Rockwell Restaurant Fairfax, VA	3rd Friday 11:30 a.m.	Social	Bill Gehrke 703-759-0527 wgehrke@att.net
Ogden	Cracker Barrel Restaurant Layton, UT	1st Thursday Breakfast	Social	Fred Zeuthen 801-476-0656 fzeuthen@earthlink.net
San Bernardino	San Bernardino Golf Club		Social plus programs of interest	Joe Daruty 909-792-8022 jdaruty@aol.com
San Diego Chapter	Event Dependent	3rd Tuesday	Social or Board Meeting http://sandiego.tra-spacepark.org	Jim Denton 858-385-0150 JWDenton@sbcglobal.net
The Mountain Folks	Various Locations in the Denver Area	First week of each quarter	"We do have fun!"	Carl Wikelman 303-693-0034 winkelman@att.net
TRIN	Bldg E2, Room 1200 Space Park	2nd Thursday 2:00 p.m.	Investment Info based on monthly newsletter reviews	Mike Pauls 310-379-2707 lmikep@earthlink.net
TRW Retirees of the Desert	Sloan's Steak House Indio, CA	Every Tuesday 1:00 p.m.	Social and Nostalgia trwdesertretirees.blogspot.com	Joe Clopton 760-342-8171 joeclopton@dc.rr.com
The Ventura County Romeos	Du-Pars Thousand Oaks, CA	1st Tuesday 12:00 noon	Social	Fred Blaich 805-499-0012 harrison_stroud@hotmail.com

TRAVel News

July 7-18, 2009

12 Day Alaska Tour-Cruise

or

July 12-18, 2009

7 Day Alaska Cruise

Tour-Cruise: Anchorage, Mt. McKinley/Denali (3 nts), Whittier (board ship).

Cruise Only: Anchorage/Whittier, College Fjord, Glacier Bay, Skagway, Juneau, Ketchikan, Disembark Vancouver.

Tour-Cruise: \$2,625.62 (inside), \$3045.62 (ocean view obstructed), and \$3,765.62 (balcony) ppdo.

Cruise Only: \$1,208.25 (inside), \$1,618.25 (ocean view obstructed), and \$2,388.25 (balcony) ppdo.

Includes taxes, fees, transfers and insurance. Does not include air (currently about \$650.00). Jay Seidman, 818-343-5171

May 11-13, 2009

Laughlin — Betty Kay Addis 310-379-6988

Our Future Plans

Spring, 2009

Palm Spring Follies, Betty Kay Addis 310-379-6988

Fall, 2009

European River Cruise — Jay Seidman, 818-343-5171

Neither smoking nor alcoholic beverages are permitted upon our buses.

The Travel Committee meets the 3rd Thursday of each month at 12:30 p.m. in E2/1200.

We would appreciate it if you would contact the identified coordinator for more information. For comments or suggestions, including specific destinations or events, please contact **Jay Seidman at 818-343-5171 or jayandjerry@sbcglobal.net.**

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

Staff:

Al Hausrath, Editor.

Bob Crowe, Roving Reporter.

Frank Warren, Contributing Editor

Tom Carroll, Kathy Hanken, Roger Harmon, Mary Holcomb, and Del Suarez, Photographers.

Lee Rathbone, Athena Christe, and Karin Petersen, Copy Editors.

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

800-655-1971

Northrop Grumman Benefits Services (Space Park)

800-537-7694

One Space Park, S/2451
Redondo Beach, CA 90278

A Brief History of Northrop Grumman

An interesting history of today's Northrop Grumman, starting with Jack Northrop's aircraft company founding in 1939 can be found at <http://www.northropgrumman.com/heritage/index.html>. This site not only gives a brief history of Northrop Aircraft, but also the history of the seven other major acquisitions by Northrop since its inception to today, including the TRW acquisition in 2002. It is well illustrated with photos of the major products these eight great companies produced. This section reflects the successful integration of nearly 20 marquee companies into an enterprise that covers the entire battlespace spectrum, from undersea to outer space and into cyberspace.

Letters to the Editor

Pertinent to recent articles [in the NNG] on Pioneer 10 and 11, I was contacted by JPL thermal control personnel in 2008 regarding the thermal design. They were conducting a detailed thermal analysis to evaluate the momentum of thermal emissions as a possible cause of trajectory deviations. They needed thermal design details on coatings, louvers and insulation that weren't in the available design documentation after thirty years.

I was invited to a meeting at JPL last spring to review the work and was astonished to find that: much documentation was still available, the photographs from assembly and test often contradicted my memory on details, and the thermal emission effects were of the same order as either Planet X or dark matter.

I've not seen any conclusions published.

James Moses, Torrance, CA

HAPPENINGS AT NORTHROP GRUMMAN

Northrop Grumman Corp. (NG)



By Frank Warren

- ▶ LOS ANGELES — NG announced that it will record a fourth quarter non-cash, after-tax charge of \$3.0 to \$3.4 billion for impairment of goodwill in accordance with Statement of Financial Accounting Standards (SFAS) 142 "Goodwill and Other Intangible Assets." As a result of this charge, the company will report a net loss for the fourth quarter and 2008. The company performed its required annual testing of goodwill as of Nov. 30, 2008 using a discounted cash flow analysis supported by comparative market multiples to determine the fair values of its businesses versus their book values. Testing as of Nov. 30, 2008 indicated that book values for Shipbuilding and Space Technology exceeded the fair values of these businesses. This non-cash charge does not impact the company's normal business operations.

Northrop Grumman Aerospace Systems Sector

- ▶ ELKTON, MD — The Kinetic Energy Interceptors (KEI) industry team led by NG has begun testing the cold-launch system that will be essential for mobile, global and flexible missile defense. A key part of this system — the solid propellant gas generator — was successfully tested December 18. NG is developing the cold-launch system for KEI based on those it has supplied for U.S. Navy submarines since the 1950s, as well as those used on silo-based Peacekeeper intercontinental ballistic missiles. That work is underway at company facilities in Sunnyvale, CA.
- ▶ SAN DIEGO — The U.S. Air Force has awarded NG an indefinite-delivery, indefinite-quantity contract valued at \$276 million for operations and maintenance support of the RQ-4 Global Hawk unmanned reconnaissance aircraft. With eight Global Hawks currently stationed at their main operating base at Beale Air Force Base, CA, or deployed in-theatre, this sustainment contract calls for continued training and peacetime operations support for fiscal years 2009 and 2010. It will also provide operational assistance for two new forward operating locations at Andersen Air Force Base, Guam, and Naval Air Station Sigonella, Italy.
- ▶ REDONDO BEACH, CA — Multi-stage cryocooler technology developed by NG will enable significant improvements in data collection by the next generation of astrophysics missions, such as the International X-ray Observatory. Cooling to very low cryogenic temperatures enables x-ray, infrared, microwave and gamma ray sensors to provide more and better astronomical data. During tests taking place over the last few months, a hybrid pulse tube Joule-Thomson cryocooler using the company's long-life, high reliability heritage flight hardware, achieved cooling levels to 4.4 Kelvin (-451.75 F). NG's flight-proven cryocooler hardware consists of a 3 stage pulse tube cooler that utilizes high-pressure helium gas.

Northrop Grumman Information Systems Sector (NGIS)

- ▶ MC LEAN, VA — NGIS has been awarded a blanket purchase agreement (BPA) by the U.S. Air Force for education and research support services to the Spatz Center Research Centers at Maxwell Air Force Base, AL, providing expert operational and technical resources to Air University. The Spatz Center BPA consists of a one-year base period valued at \$3 million, with four one-year options for a total potential value of \$30 million.
- ▶ MC LEAN, VA — NGIS is one of 12 companies selected for the Biometrics Operations and Support Services Unrestricted (BOSS-U) contract by the U.S. Army. BOSS-U provides a range of technical services and solutions to fulfill the Army's Biometrics Task Force's biometrics services needs. The BOSS-U program is an indefinite delivery/indefinite quantity contract with a maximum ceiling value of \$497 million available for task order awards. Work on the contract will be conducted over a three-year base period and two one-year option periods.

Northrop Grumman Electronic Systems Sector (NGES)

- ▶ POMEZIA, Italy — Northrop Grumman Italia has been selected by Sikorsky Aircraft to provide its NAVEX air navigation system for use on UH-60L Black Hawk utility helicopters for export. Sikorsky Aircraft is a subsidiary of United Technologies Corporation. Under the contract, NGES's Italy-based subsidiary, Northrop Grumman Italia, will supply Sikorsky Aircraft with NAVEX systems and installation kits for an initial 15 helicopters with a follow-on contract for an additional 17 helicopters.
- ▶ ROLLING MEADOWS, IL — NGES has been awarded separate contracts to outfit U.S. Marine Corps CH-53D and CH-46E helicopters with the company's battle-proven Directional Infrared Countermeasures (DIRCM) system. Under the terms of these latest contracts, with a combined value of approximately \$13.3 million, NGES will integrate the DIRCM self-protection system onto the Marines' CH-53D helicopter fleet, making the CH-53D the third Marine Corps rotary-wing platform to receive DIRCM protection from shoulder-launched, heat-seeking missile threats.

IN MEMORIAM

Name	Date of Death
Richard C. Booton Jr.	January 28, 2009
Oliver W. "Chris" Christianson*	December 9, 2008
Albert M. Frazier*	January 21, 2009
Francis Lee Goff*	April 13, 2008
Clive D. Halbirt	December 23, 2008
W. Lee James, Jr.	January 1, 2009
Clifford V. Murrow*	January 19 2009
Thomas W. Muleady	January 9, 2009
Burton S. Ritter	November 19, 2008

*Check TRA's web page (www.tra-spacepark.org) for the obituary of this individual. Scroll down to near the bottom of the web page and you will find "In Memoriam." Inside this section are the obituaries.

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. However, due to privacy laws, the Benefits Center does NOT notify the TRA of the death.

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 e-mail to the TRA office: name of the deceased; date of death; and name of person submitting the information.

NG Streamlines Structure

Continued from Page 1

- o **Battle Management and Engagement Systems Division:** Tom Vice, sector vice president and general manager, leads this division, which primarily consists of programs associated with the former Eastern Region organization of the Integrated Systems Sector.

Information Systems Sector

The new Information Systems Sector combines the Information Technology (NGIT) and Mission Systems Sectors (NGMS), into an approximately \$10 billion business base and 35,000 employees. NGIS is a leading global provider of advanced solutions for defense, intelligence, civil agency and commercial customers.

- Linda A. Mills, formerly President of NGIT, is the President of NGIS.
- Philip Teel, formerly President of NGMS, retired on January 31, 2009.

Chief Technology Officer

In recognizing the increasing importance of technological innovation in positioning Northrop Grumman for the future, the company has named Alexis Livanos, formerly President of the Space Technology sector, corporate vice president and chief technology officer.

The Other Sectors

The other three sectors of Northrop Grumman are Electronic Systems, Shipbuilding, and Technical Services.

MORE MAIL POUCH

Continued from Page 6

visit when she wants and for as long as she wants♦♦♦A streak of 29 years of daily runs came to an end when **Jim Scarborough** had extreme health problems. But the good news is that his problems are history, and he's back to exercising again in Rancho Palos Verdes♦♦♦**Mary** and **David Coward** are still anchored in Rancho Palos Verdes, and enjoying retirement. But when the whim hits them, they pull up anchor, hop into their motor home, and escape to other parts of the world♦♦♦Great g'pa **Jack Martinelli** announces Sofia Lynn, born to g'son Ricky and his wife, Amber♦♦♦From the wilds of Murrieta, CA, we hear that all **Len Pincus** is doing is fishing, playing golf, and pounding his computer♦♦♦Just into his second year of retirement, **Jon Rowe** forked over \$7 for his 2009 dues. He praises both the NNG and our web page www.tra-spacepark.org as great resources for keeping track on his fellow retirees♦♦♦And another second year retiree, **Frank Yunger**, has slowed down only a bit. He went from his five days a week job at TRW to four days a week at Trident Space and Defense (formerly TRW-Cl) That just leaves three days a week for the fishing, golf, RVing, and travel that all the other retirees are into♦♦♦Westlake Village residents **Allan** and **Margie Strayer** continue in pretty good health, not much travelling, and continued involvement with family, community activities, and his monthly lunch with the TRA Romeos in Thousand Oaks♦♦♦Since overseas travel has become a chore, Colorado residents **Shirley** and **Kenneth Sedler** do their travelling within the U.S. and Canada. Plans for 2009 include a Washington/Oregon trip with visits to fellow '92 retirees **Dottie Juszyk** and **Evelyn King**. Another stop: the U.S. Navy Cruiser Sailors Association reunion in Bremerton, WA♦♦♦Many more notes to be included in April NNG

Ronald Sugar Honored with the 2008 Howard Hughes Memorial Award



February 5, 2009 Northrop Grumman Corporation Chairman and CEO Ronald Sugar was presented with the 2008 Howard Hughes Memorial Award by the Southern California Aeronautic Association at the Jonathan Club in Los Angeles. Dr. Sugar is shown here (left)

with last year's recipient, Jim Albaugh, president and chief executive officer of Boeing Integrated Defense Systems. Dr. Sugar is the 30th recipient of the award, which honors aerospace leaders whose professional accomplishments have significantly contributed to the advancement of aviation or space technology.

**The next NNG will be mailed
in late April.**

THE MAIL POUCH

◆◆◆**Fern Geddie** sends a star-spangled note from Torrance. Gambling trips to Laughton and Las Vegas were successful enough that she could renew her TRA membership again◆◆◆**Bill Burk**, turning 96 this year, reminds us that he was hired into STL by Rube Mettler just 54 years ago. He left TRW in '78 to become a consultant to TRW under Ed Doll◆◆◆**Phyllis Ceparant** (now **Knopke**) was the Classified Visitor Control Receptionist in the Bldg G meeting room and still has memories of General Doolittle taking time to give her special attention one day while with a group of military brass. **But does anyone remember where Bldg G was?** Ed◆◆◆More cruising retirees: **David** and **Julia Botelho** took a family cruise on Thanksgiving week. And when they say family, they mean it: 5 sons with spouses and 7 grandchildren!◆◆◆Interested in old west antiques out west in old Rancho Palos Verdes? **Stan** and **Betty Wilker** do not admit to being antiques, but do fess up to being old west antique dealers as they renew for two more years◆◆◆**Fay Samulon** is the widow of TRW retiree **Henry**, who worked at TRW from 1955 – 1974. They have two sons (an engineer and a lawyer), 5 grandchildren, and one great grandchild. Young-at-heart Fay is *enjoying a comfortable life at the age of 92!*◆◆◆Freshman retiree **Gay Halvorsen Swanson** (in her first year of retirement) has been very footloose, traveling about. On one two-week trip to FL, GA, SC, and NC, she visited **Nancy Oden Burlew** in



By Al Hausrath

Connessee Falls, NC. *What a beautiful state NC is!*◆◆◆Avid reader **Semon Vincent** (31 rewarding and satisfying years at TRW) admits to reading every word of each issue of the NNG. *Pictures and organization affiliation(s) would help malfunctioning memories, he writes. We have been including more photos, but org affiliations is more difficult, due both to the frequent reorgs and a database that is not set up to record this info*◆◆◆As if **Don Harvey** heard Semon's plea, Don says *hi to all those who worked with me on the LMDE, VLBI, and Chemical LASER*. He and **Joyce** are living at the Carlsbad By the Sea Retirement Home, where he does life stories on DVD, under sponsorship by the California Lutheran Homes Auxiliary◆◆◆*Don't get old!* advises **Leon Korba**. He had a broken femur back in October, 2007, and is still using a cane and a walker◆◆◆**Robert Kessenich** (rtd. 1988, 24 years at TRW as a Senior Mfg Engr.) and **Helen** have been in their home in Torrance for 35 years. Helen has Alzheimer's, and can't walk, so they have a live-in caregiver. Even with all this, *we still enjoy life*, he writes◆◆◆**Lourdes Monzon** just retired in April '08, (M-1 Advance Technology Director in Business Development at Space Park). She loved her job, and thought retirement would be boring. Not so! With g'kids Kaitlyn (4) and Gabriel (2) up in Marin County, a brother and family in Cuernavaca, and the Memorial Women's Hospital League in Long Beach, and no fixed time schedule, she can