

## Community Events

From now until Dec. 7, the Cerro Coso Art Gallery will feature the work of artist Jeff Murphy. The exhibit, called *Derivatives of Decay*, involves photographs of animal and human bones colored in a striking manner. A reception and discussion with the artist will be held Monday at 7 p.m. in the art lab. The show and reception are free of charge. For more information, call 375-5001, ext. 238.

ORACLE Relational Database Management System presentation and demonstration will be held in conjunction with Interleaf Corporation and Sun Microsystems on Nov. 27 and 28 at the Ridgecrest Carriage Inn.

Presentations will include discussion of application in MIS, configuration management, distributed processing, C3I and CALS compliance. For additional information, call John Weiss at (619) 546-4422 or Joe Duffy at (301) 657-7872.

Ridgecrest's branch of the Kern County Health Department will hold its monthly immunization clinics for November on Nov. 19 from 8:30 to 11 a.m. and from 1 to 3 p.m. at 250 W. Ridgecrest Blvd.

This clinic provides an opportunity for children and adults to receive needed immunizations at nominal charges. Immunizations required for school entry (polio, whooping cough, diphtheria, tetanus, measles, mumps and rubella) and for the Hib vaccine are only \$3 each, with maximum charge of \$10 per family per visit. For more information, call the department at 375-5157.

Each week, Community Connection for Child Care provides special parenting tips through their Parenting Tape Program. Interested parents can listen to these helpful, three to four minute tapes from 5 p.m. to 10 a.m. by calling 375-0446.

The schedule and names of tapes being shown in November is as follows: Nov. 17-21 -- *Nutrition Needs* gives information on nutrition, portions and introducing new foods. Nov. 22-30 -- *Problem Eaters* offers suggestions on how to cope with common eating problems.

Ceramics, baskets, wreaths, dried flower arrangements, homemade breads, cookies, candies, cakes, ornaments and much, much more will be available during St. Ann's annual Bazaar on Nov. 16-18. This year's theme is *An Old Fashioned Christmas*. The bazaar, being held at St. Ann's Parish hall (corner of Church and Norma streets), will be held from 8:30 a.m. to 6 p.m. on Nov. 16, with lunch being served from 11 a.m. to 2 p.m.; 9 a.m. to 7 p.m. on Nov. 17, with pictures with Santa being taken from 11 a.m. to 2 p.m.; and from 8 a.m. to noon on Nov. 18, with a drawing held at noon.

China Lake Player's presents *Steel Magnolias* at the Old Kern County Court House Nov. 30, Dec. 1, 7, & 8 at 7:30 p.m. Tickets for general admission are \$6 while military, students, and senior citizens are \$5. Get ready, this is a holiday treat for the entire family to enjoy!

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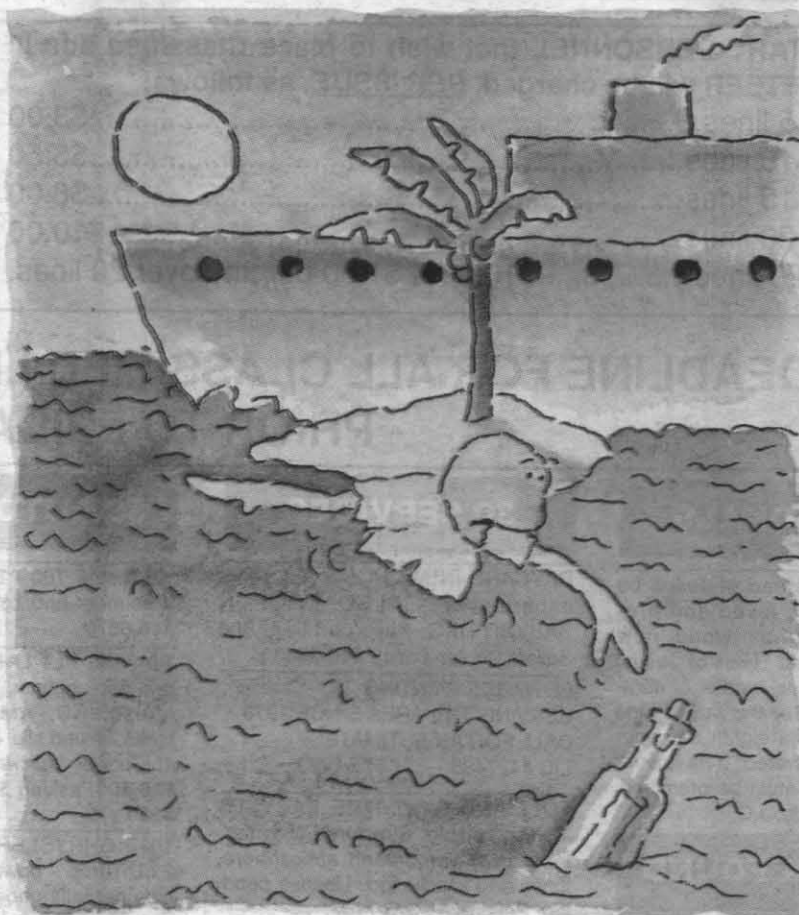


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Nov. 16, 1990

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	Max	Min	Peak Gusts
Thurs.	77	32	11
Fri.	79	35	11
Sat.	--	--	--
Sun.	--	--	--
Mon.	83	31	11
Tues.	81	35	9
Wed.	82	39	20

### USS Iowa finishes long Navy career

NORFOLK (NNS)--Nearly 50 years after 20,000 onlookers watched a bottle of champagne break across her bow, the battleship *USS Iowa* was decommissioned for the third and probably last time on Oct. 26.

During the ceremony, *Iowa's* last commanding officer, Cdr. J. P. Morse, praised the ship and her crews, both past and present. "Though you can see *Iowa* is impressively equipped, it is the crew that breathes life into it," he said.

### Santa's breakfast buffet on Dec. 8

Have breakfast with Santa on Dec. 8 at the Naval Weapons Center's Seafarer Club. Enjoy a buffet brunch, including Belgian waffles, from 9 to 11 a.m. Have a picture taken with Santa for only \$1.25!

Tickets, available at the Youth and Children's centers and Seafarer Club, are \$4.75 per adult and \$3 for children 2-12 years of age if bought in advance. Tickets at the door are \$6 and \$4.

### Traditional turkey dinner at Galley

Thanksgiving dinner will be held at the Naval Weapons Center Galley from 3 to 5 p.m. on Thursday, Nov. 22. All active duty and retired military personnel, and their dependents, are eligible to partake in this scrumptious feast. Surcharges will be waived for this holiday.

Reservations are required and should be made by Monday (Nov. 19) by calling NWC ext. 3830.

# NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 46, November 16, 1990

## LCS effort reaches new milestone

Testing underway on first prototype production model at China Lake

Another important step toward full production of the HARM Low-Cost Seeker (HARM LCS) was reached last month when the Naval Weapons Center took delivery of the first prototype production models (PPM) from Loral Aerospace at Newport Beach. Mike Schmitt, who heads the LCS Development Office in the Attack Weapons Department, said this means development testing and operational testing (DT/OT) can begin in January, 1991.

The NWC-designed LCS is being developed under the management of the Naval Air Systems Command (PMA-242). The new HARM (High-Speed Anti-Radiation Missile) seeker section is expected to provide increased capability for the missile at significantly less cost.

Schmitt noted the improved performance

and cheaper price for the LCS is largely the result of NWC-designed changes incorporating the latest technology for easier assembly and fewer parts.

Innovation and improvements are incorporated into almost every subassembly of the the guidance section. For example, LCS replaces HARM's two antennas with one single aperture antenna, LCS eliminates the use of semi-rigid RF coaxial cables to connect the antenna to the stripline by integrating the antenna directly with the RF stripline and it reduces the RF boards for the entire guidance section from seven to one.

A further improvement replaces one single-source digital processor with three multiple-source military qualified microprocessors that operate in parallel to process radar signals

and guide the missile. The computer program can easily be maintained and supported for the fleet because of structured software design developed for the LCS.

Finally, because producibility and maintainability were driving factors, the design reduces the number of parts used in the guidance section manufacture by nearly half and allows for quick and easy disassembly of the guidance section for module testing, fault isolation and module replacement.

The PPM units followed construction of engineering development models (EDM) by Ford Aerospace and Raytheon who were competing for the production contract. Each firm built 6 EDM units for evaluation. Ford Aerospace was selected at the Milestone II (Continued on Page 9)

## Innovative work wins TD honor

"To see your own idea evolve from concept to reality exactly how you envisioned it and work just the way you saw it in your mind is incredible," commented Charles "Chuck" Pierce, after receiving the Naval Weapons Center's Technical Directors Award. The award was recently given to Pierce for his innovative efforts in development of the NA-3B aircraft (a generic project aircraft) at NWC.

Bill Porter, NWC Technical Director, and Capt. Gene Allen, Chief Staff Officer, joined in making the presentation to Pierce for his outstanding achievements. Pierce, who retired from the Center in September, completed a distinguished 32 year career with the federal government. His work with the NA-3B aircraft has been recognized as a capstone to his career and a major contribution to NWC.

The citation letter from the NWC Office of the Technical Director commented, "the NA-3B has proven to be a very valuable asset and has saved literally millions of dollars in the cost of testing through its ability to function as a reusable missile."

(Continued on Page 8)



**CELEBRATING 215 YEARS**—Last week's Marine Corps Ball marked the local observance of the 215th birthday of the United States Marine Corps. Preparing for the ceremonial cake cutting were (from left) 2nd Lt. Jeffrey Tontini, Col. J.R. Agenbroad, MAD C.O., Col. R. Bruce Porter (USMC Ret.), CWO2 Chuck Hargis, master of ceremonies and 2nd Lt. David Coleman. Photo by PH3 Cary Brady



## China Lake Calendar

**Mon. Nov. 19**

... Code 61 Thanksgiving luncheon, Hangar 3, 11:30 a.m.

**Tues. Nov. 20**

... NWC Supercomputing Forum continues, 1-3 p.m., Michelson Lab, Room 1000D

**Thurs. Nov. 22**

... Thanksgiving Day dinner at NWC Main Gallery

**Tues. Nov. 27**

... NWC Supercomputing Forum continues, 1-3 p.m., Michelson Lab, Room 1000D

### Coming Events

Dec. 1, Just For Kids Christmas Party, NWC Youth Center

Dec. 8, Breakfast With Santa, NWC Seafarer Club

*Items of Interest to the China Lake population may be placed in the CHINA LAKE CALENDAR by calling the NWC Rocketeer at NWC ext. 3354 before 11:30 a.m. on Tuesday before Fridays publication.*

## Wellness Corner



Parents often worry when children snack between meals or refuse to eat at the dinner table. They worry their kids aren't eating balanced meals and dinnertime conversation can deteriorate into constant demands, "eat this," "clean your plate" and "dessert comes after dinner."

Psychotherapist Jane R. Hirschmann, M.S.W., will discuss how we can help children avoid problems and preoccupation with food in her lecture, *Raising Children Free of Food and Weight Problems*. The lecture will be held at the NWC Station Theatre on Wednesday, Nov. 28, from 7 to 9 p.m. While the cost is \$3 for the general public, Naval Weapons Center employees may attend at no charge.

According to Hirschmann, young children who are allowed to recognize and satisfy their hunger -- also known as practicing "self-demand feeding" -- are likely to avoid eating difficulties later in life. Children have a natural self-regulating mechanism that tells them how much and what types of foods they need for healthy growth and development. As the children get older, they are introduced to feeding schedules and rules regulating food choices. The child who wants a snack before dinner may not be able to wait until dinnertime to eat; telling the child to wait sends the message that physiological needs are invalid or unworthy of attention.

So, what messages should we give our children about food and eating habits? Hirschmann says we should let them know it's fine to eat whenever they are hungry and we should encourage them to ask themselves three basic questions -- when am I hungry, what do I want and how much is enough?

Hirschmann emphasizes that children who are able to read their own hunger and eat to satisfy their physiological, rather than psychological or emotional, needs will make healthy food choices. "Legalizing" all foods, even candy and "junk foods," eliminates children's cravings for forbidden treats.

In her private practice that focuses on treating compulsive eaters, Hirschmann has observed many eating problems begin in childhood. As a mother of three, she also has plenty of experience with feeding children. She is on the faculty of the New School for Social Research and is adjunct clinical professor at Hunter College School of Social Work in New York City. She has co-authored two books, *Overcoming Overeating* and *Solving Your Child's Eating Problems*. She is featured in the November issue of *Shape* magazine.

Hirschmann will also lead an all-day workshop, *Overcoming Overeating*, on Nov. 29 at the Kerr-McGee Center in Ridgecrest. For more information, contact the Wellness Program Office at NWC ext. 2468.

## Reasons for drug test choices

Under the Navy Drug Free Workplace Program (DFWP), there are three primary reasons an individual might be subject to testing for use of illegal drugs.

The first reason for selection is because a person is occupying a Testing Designated Position (TDP) and has been randomly selected to be tested. The TDPs are positions requiring top secret clearance with access, fire fighters, police officers, motor vehicle operators and other specific positions involved in transportation, criminal investigation or protection of life and property. There are about 800 positions at the Center in this pool from which persons will be randomly selected for testing. The Center will test 1.3 times the number of positions in the TDP pool in a year.

The second reason a person will be tested is that the person has been tentatively selected for

appointment to one of the above mentioned TDPs. In this case, the individual could be a federal government employee or an applicant not employed with the Federal government. The individual applying for the position must successfully complete urinalysis testing before the final job offer.

The third primary reason a person may be tested is because a manager or employee's supervisor has reasonable suspicion the employee has used an illegal drug, on or off duty. Reasonable suspicion testing will be conducted based upon evidence and facts presented in writing to the manager's or supervisor's supervisor and concurred with by the Office of Counsel. In such a case, the employee will be notified in writing of the reason before providing of the urine sample for testing.

There are two secondary reasons for testing under the DFWP.

The first of these is follow-up testing for employees who have gone through rehabilitation to become free from drug use. The follow-up testing will last for a period of one year and will be unannounced. This is designed to help recovering employee remain free from illegal drugs while he/she is forming life habits that do not include drug use.

The other secondary reason for drug testing is for a person who volunteers to be randomly tested for drugs. Individuals who volunteer are placed in the TDP position pool and their names are subject to the same random selection process as the normal TDP occupants. Any person who wishes to volunteer for drug testing may do so by merely sending a written request to the Drug Program coordinator, Code 22104. There is no need to explain the reason for volunteering.

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HAPPY ADS.....10	MISC. FOR SALE.....40
HELP WANTED.....15	GARAGE SALES.....45
RENTALS.....20	PETS & SUPPLIES.....50
BUSINESS.....25	REAL ESTATE.....55

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### 1 PERSONALS

May the Sacred Heart of Jesus be adored, glorified, loved and preserved throughout the world, now and forever. Sacred Heart of Jesus, pray for us. St. Jude, worker of miracles, pray for us. Say this prayer nine times a day. By the eighth day your prayer will be answered. It has never failed, publication must be promised. Thank you, St. Jude. J.C.

### 5 LOST & FOUND

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### 20 RENTALS

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## Nurse acclaimed for excellence

Successfully serving many roles recently earned LCdr. Maureen A. Kusnierek the distinction of being nominated for the Clinical Nursing Excellence Award. This annual recognition is sponsored by the Association of Military Surgeons of the United



**IN RESPECT AND ADMIRATION -- LCdr. Richard Titi, officer-in-charge, Naval Weapons Center Branch Medical Clinic, hands LCdr. Maureen Kusnierek, senior nurse and assistant officer in charge, a letter from Capt. Fred Sanford, commanding officer, Naval Hospital Long Beach, congratulating her for being nominated for the Clinical Nursing Excellence Award.**

Photo by PH3 Cary Brady

States (AMSUS).

The nominee currently serves as senior nurse and assistant officer in charge of the Naval Hospital Long Beach Branch Medical Clinic, Naval Weapons Center. She was nominated for the award by LCdr. Richard Titi, officer-in-charge, Branch Medical Clinic.

"LCdr. Kusnierek projects an image of professional confidence in all her clinical duties," stated LCdr. Titi. "Her clinical acumen and service are instrumental to the accomplishment of both the clinic's and Navy medicine's missions. She continues her professional development in her graduate nursing specialties and shares her skills with staff members. She is most strongly recommended for AMSUS recognition by her selection for this coveted nursing award."

Educated to the master's level in maternal-child health care and having held a broad spectrum of clinical assignments, LCdr. Kusnierek is well-versed in family (Continued on Page 4)

## Navy Sea Cadets show local support

A "Let's Get Acquainted" Open House is being held for the benefit of new Sea Cadets and their parents on Nov. 17 from 12-6 p.m., at the Ellis Barracks, 807 Ellis, aboard the Naval Weapons Center. Air Test and Evaluation Squadron Five of China Lake is the military sponsor of the local Sea Cadet Squadron. The Indian Wells Valley Chapter of the Navy League is the supporting organization. The open house is an opportunity for those interested in the program and their families to learn about the advantages of being a part of the United States Naval Sea Cadet Corps.

Showing their enthusiasm in supporting their local community, the Sea Cadets will kick-off "adopt-a-highway" clean up program on Nov. 18. They have adopted two miles of highway from County Line Road east to the junction of Echo Range Road. They are also adopting part of the NWC property in support of the Center. Parents and adult friends of cadets are asked to volunteer their time and efforts. Hard hats, day-glow vests, gloves, safety glasses, and litter bags will be furnished by CALTRANS. On Saturday, Nov. 7, a ceremonial unveiling of the new "adopt-a-highway" sign on Highway 178 will commence at 9 a.m.

## Seabee earns medal

Professional achievements while serving as assistant officer in charge and leading chief petty officer for Reserve Naval Mobile Construction Battalion-17, Detachment 0217 from Oct. 1, 1988 to Dec. 31, 1989, brought honors to MSC Robert Louis Voigt. He was awarded the Navy Achievement Medal recently. Lt. Michael Portuesi, the detachment's former officer-in-charge, presented the medal to the reserve Seabee during a weekend drill at the Naval Weapons Center.

According to the citation accompanying the medal, "Chief Voigt consistently performed his demanding duties in an exemplary and highly professional manner. Displaying exceptional management and organizational skill and resourcefulness, he maintained his unit at a high level of readiness and productivity, significantly aiding the overall readiness of the battalion."

Last year, noted the citation, Chief Voigt organized all aspects of a two-day military block training evolution, including transportation, berthing and messing for more than 140 reserve personnel from four states.

The chief petty officer was credited with identifying, organizing and managing a wide range of projects at the Naval Weapons Center. According to the letter nominating Chief Voigt for the medal, these projects resulted in a needed service and/or product to the U.S. Navy as well as providing necessary training and development for Occupational Field 13 personnel. In addition to ensuring all reports were accurate and timely, Chief Voigt's leadership resulted in growth of the detachment by 60 percent and achieved a 100 percent retention rate.

In 1989, the leading chief petty officer was named "CPO of the Year" for the Navy & Marine Corps Reserve Center in Bakersfield.

"His example of diligence and dedication is an inspiration to his subordinates, other chief petty officers and to the officers of the battalion," read the citation.

During his civilian hours, Voigt is a lieutenant on crash rescue for the Naval Weapons Center Fire Division, Safety and Security Department. He and his wife, Barbara, have two children, Robbie and Geoff.



**HARD WORK PAYS OFF -- Lt. Michael Portuesi, pins the Navy Achievement Medal on Chief Mess Specialist Robert L. Voigt.**

## Vampire's expertise vital to mission

"I'm proud to be part of the indispensable team continually contributing to test and evaluation efforts. What we do here at VX-5 has considerable impact on the Navy and Marine Corps not only today, but for years to come," reflected Sergeant David Lee Robinson, USMC.

Constant portrayal of outstanding professionalism, initiative, and dedication to duty, separated Robinson from his peers at Air Test and Evaluation Squadron Five (VX-5). Robinson received his first distinguished Navy Achievement Medal from the Secretary of the Navy for his special achievements as an AH-1 Electronics Technician. He was commended for displaying unswerving performance during the period of March 1 to June 30, 1990.

The young sergeant's technical expertise was instrumental in redesigning and modifying a Test Instrumentation Wing Station Video Recording Pod. "He resolved numerous technical problems associated with the audio/video interface of the AH-1 aircraft significantly enhancing the squadron's capability to evaluate forward firing ordnance for Chief of Naval Operations directed projects," stated the citation letter.

VX-5's Commanding Officer,

Capt. Raymond A. Kellett, presented Robinson with the citation letter and medal at a recent quarters assembly. Robinson has been stationed at VX-5 since December of 1988. "This is great Marine duty," said the noncommissioned officer, "we are exposed to so many different types of aircraft and the projects going on here are exciting. It's a great learning environment."

Robinson finds the combina-

tion of work, family and school a constant challenge. He attends Cerro Coso Community College in his spare time and would ultimately like to obtain a degree in psychology. His wife, Janet, and children, Teresa, Elizabeth and David provide the family support necessary for a career oriented service member. Robinson has been in the Marine Corps for ten years and plans to go for another ten more.



**UUUGH RAH TO ROBINSON! -- Capt. Raymond A. Kellett, VX-5 CO, shakes Sergeant David Lee Robinson's hand after pinning on his first Navy Achievement Medal. The Marine was praised for his technical expertise. Photo by PH3 Rob Foster**





### It's Never Too Late to Say Thanks

In the Bible, there is a wonderful story about the day Jesus saw ten lepers standing near the entrance to a little village. The lepers, recognizing him as the healer who could help them, cried out, "Jesus, Master, have mercy on us."

Jesus often did things in unpredictable ways. Instead of saying, "all right, be healed of your disease," He told the lepers to go and show themselves to the priests. The lepers dutifully obeyed, and as they walked toward the temple, they noticed something happening. Their skin, which had been deformed and blighted, was clearing. Hands and feet were being restored. It is not difficult to imagine how they felt. They must have been exuberant and anxious to tell their families as well as the priests.

When one of the lepers, a Samaritan, realized what hap-



pened, he ran back and fell on his face before Jesus and gave thanks to God. Jesus looked at the man and asked, "were not ten cleansed? Where are the nine? Was not one found to return and give praise to God except this foreigner?" Then Jesus said, "rise and go your way; your faith has made you well" (Luke 17:11-19).

I often wonder what would have happened to the other nine lepers if they had taken the time to say thanks. How different would their lives have been? I know how my life has been affected by gratitude. It is similar to a story told by Arthur Calandro about a family from Belmore, Long Island, who were visiting England.

While they were near the town of Chester, George began to reminisce about his war experiences there in 1944. He remembered with great nostalgia a Mrs. Barrington.

"Who is Mrs. Barrington?"

George's wife Trudy asked.

"She was the owner of the Red Lion Pub," George said. "Mrs. Barrington was very good to me. She fed me when I had nothing to eat. She gave me a place to stay when I had none. She was like a mother to me. The night before I shipped off to battle in France, she gave me a big hug. Later, I found that she slipped a five-pound note in my pocket."

Trudy and George decided to extend their trip and try to find Mrs. Barrington. George called the telephone operator, but there was no Barrington listed in the directory. Then George asked if the Red Lion Pub still existed, explaining who he was and that he wanted to find Mrs. Barrington to thank her for being so kind to him during the war.

"By royal decree no pub ever goes out of existence in England," the operator said as she gave him the number. "You're the first Yank I know who has come back to say thank you to somebody."

George called the Red Lion Pub. A young woman answered the phone. "Barrington, did you say? Seems like I remember

someone by that name. Oh, yes, I do remember now, but I don't know where she is. I'll ask the colonel," the woman said.

In a few moments George heard a man's voice. "Barrington. Why I believe she lives with her daughter somewhere nearby. Can't remember which town, though."

George did not give up. He began to call police stations in nearby towns. At one station, he spoke with a Constable Jones, who after much searching, found Mrs. Barrington. Since Mrs. Barrington did not have a phone, Constable Jones waited until he was off duty and rode his bicycle five miles to tell her about the soldier who had come back.

A meeting was arranged in the lobby of a small hotel and the next day George, Trudy and their

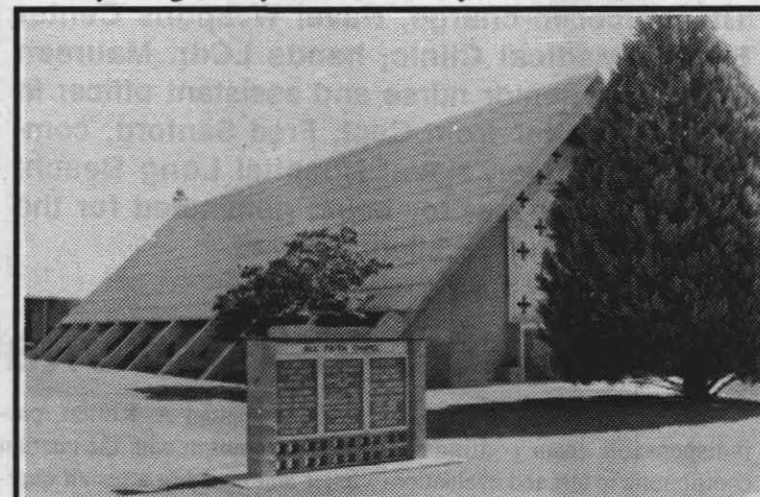
two children met Mrs. Barrington, now a tiny silver-haired lady. As George and Mrs. Barrington embraced, Trudy looked around the lobby. People were blowing their noses and trying to hide tears behind newspapers. Everyone knew about George and Mrs. Barrington. It was a big event for the whole town.

When they were ready to leave, George hugged Mrs. Barrington again, this time slipping a five-dollar bill into her pocket. "I'll be back to see you again," he said.

"No, George," she said. "We'll never see each other again. But thank you for coming back. This has completed my life."

Tell somebody today how much you appreciate him or her. It's never too late to say thanks.

By Lt. Gerald L. Goodman,



### Divine Services

#### Protestant

Sunday Worship Service, East Wing	8:00 a.m.
Sunday Worship Service, Main Chapel	10:30 a.m.
Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.

#### Islamic

Jumaa Prayer (Friday at 1006 Blandy)	12 (noon)
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#### Roman Catholic

Sunday Mass, Main Chapel	9:00 a.m.
Daily Mass, Small Chapel	11:35 a.m.
Confessions Weedays	By appointment
Religious Education Classes (Sunday) (September thru May)	10:30 a.m.
1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	

#### Jewish

(NWC ext. 2851)	
Weekly Services (Friday - East Wing)	7:30 p.m.
Adult Hebrew Lessons (Saturday at 1004 Blandy)	3:00-5:00 p.m.
Religious Education (Sunday at 1004 Blandy)	9:00 a.m.-12 noon

Chaplain S. A. Casimano, LCDR, CHC, USN  
Chaplain G. L. Goodman, LT, CHC, USNR  
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## Dedicated Service personnel receive special Naval Aircrew Certificates

Aviation Machinist's Mate Third Class Robert L. Burrows and Aviation Electronic Technician Gregory S. Vaughn received their Naval Aircrew Designation certificates from Capt. Gene Allen, NWC's Chief Staff Officer, at a recent awards ceremony.

"This certificate carries the special recognition of your dedicated service as a Naval Aircrewman. Your contributions to the Naval Service shall continue to be of sustained benefit for many years to come," noted the document.

According to AD3 Burrows, the designation

allows him and ATAN Vaughn to assist pilots in completion of their missions. "For example, both Vaughn and I are assigned to the Helo Shop at the airfield," said the third class petty officer. "If we were called out on a mission, we would be able to help the helo pilot with his search and rescue mission, whether by rappelling down to a victim or helping the pilot search for a downed plane."

AD3 Burrows has been in the Navy for five and a half years, while ATAN Vaughn is a Navy newcomer, having been in for only one year.

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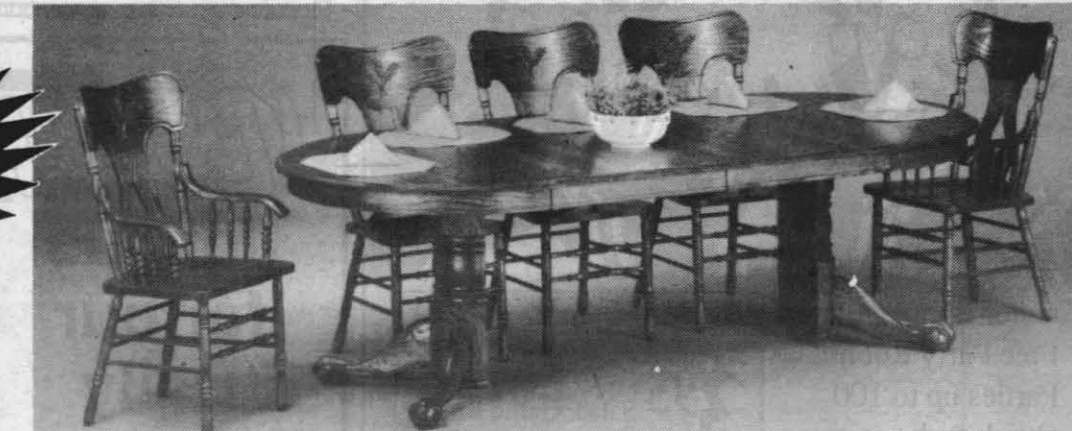
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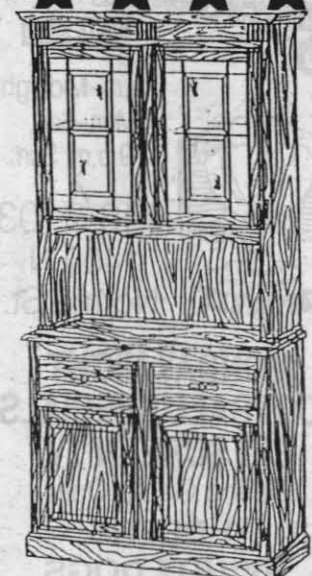
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## Class focuses on building skills for experienced supervisors, managers

**Stylemetrics: Building Skills in Leadership and Team Effectiveness (16 hours)**

**Jan. 30-31, Wednesday-Thursday, 0800-1630, Training Center. By Bob Burgee.**

**Intended Audience:** Experienced supervisors and managers.

**Scope:** Provide the participants with objective, definitive feedback on their personal style from three perspectives; as we see ourselves, as we believe others see us and as others do see us. Expand the participants' understanding of the styles of others and their contribution to the organization. Define the strengths and limitations of each style in sharing information, setting objectives, problem solving, influencing and directing, measuring and controlling, structuring time, planning and prioritizing, decision making, delegating and managing conflict. Promote the productive use of staff strengths, both individually and as a team.

**Seminar Agenda:** Personal, team and organization effectiveness. How style differences become confused with competence issues -- the importance of description versus evaluation -- discussion of the implications of personal style on leadership and performance.

**Personal Style Profiles:** Examining the results of the personal style inventory, interpreting the feedback, comparing the "audience" results with personal estimates and

analyzing strengths and limitations.

**Negotiation, Coaching and Conflict Management:** Developing strategies for dealing with people of similar and different style tendencies -- skill development exercises for creating situational change.

**Elements of Teamwork:** Examining team criteria, defining leadership roles and defining function of the participant as a team member and channel for communication.

**Training Materials:** Each participant receives a Stylemetrics profile packet before the seminar. This packet is used to generate the three profiles the participant receives in the seminar. It contains the personal style inventories that the participant compiles and the five inventories that the participant gives to others to be completed and returned to Burgee Associates in the postage-paid envelope provided in the packet. In addition, the participant receives a 180-page study guide. This guide contains all the relevant profile material; units on teamwork, motivation and process intervention; and the exercises used during the course to develop and internalize the concepts and discoveries.

**Note:** Because course participants must complete the stylemetrics profile before the seminar, the deadline must be adhered to.

**Deadline:** December 5.

## Employees live, work near the Mediterranean

(Continued from Page 18)

**Chief scientist (director), NATO grade A6, vacant in summer 1991.**

**Duties:** Conducts anti-submarine warfare (ASW) either as an individual scientist working essentially on his/her own or as the leader of a small team. Provides scientific advice and consultation to the directorate.

**Chief, Systems Research Division, NATO grade A6, vacant in summer 1991.**

**Duties:** Manages the division, including direction, control and coordination of its groups and the effective integration of their programs. Provides advice and assistance to the director in managing the Center, including policy formulation, financial management, formulation and execution of the scientific program and the selection, development and evaluation of personnel.

**Senior principal scientist (head of Operational Research Group), Systems Research Division, NATO grade A5, vacant in October 1991.**

**Duties:** Directs, controls and coordinates activities of the Operational Research Group in implementing the scientific program of the Center.

**Principal scientist, Long Range Sonar Group, Systems Research Division, NATO grade A4, vacant in**

Fall 1991.

**Duties:** The Long Range Sonar Group carries out theoretical and experimental investigations, including sea-going trials, of new long range sonar system concepts in order to establish technical feasibility for possible national development.

**Senior scientist (assistant to director), NATO grade A3, vacant in Fall 1991.**

**Duties:** Provides direct scientific staff support to the Center management in planning and programming the activities of the Center and serves as liaison with the Scientific Committee on National Representatives (SCNR) and SACLANT staff.

**How and where to apply:** To request information on pay and/or the knowledge, skills and abilities be mailed to you, please call NWC ext. 2265. Blank application forms, a copy of the position description, and information on pay, allowances, benefits and other emoluments may be obtained in Room 100 of the Human Resources Department, NAVWPNCEN, 505 Blandy at Knox streets.

**Applications (SF-171) should be mailed to the Civilian Personnel officer, SACLANT Undersea Research Center, Viale San Bartolomeo 400, 19026 San Bartolomeo (La Spezia), Italy, to be received NLT Dec. 31.**

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## MIPI: Ways to do business better brings recognition for top ideas

Fourteen China Lakers were recently recognized by Capt. Douglas W. Cook, NWC Commander, for their innovative ideas submitted to the Model Installation Program Office. In all, 16 Model Installation Program Initiatives (MIPIs) were approved at local level, resulting in a MIPI cap and coffee mug to originators.

**No. 67 - Non-availability certification on travel orders.** Originated by Don Kappelman, Weapons Analysis Branch, Weapon Systems Analysis Division, Attack Weapons Department, this MIPI eliminates the requirement for on-site certification on non-availability of BOQ/BEQs and will be implemented Navy wide.

**No. 159 - Deadlines for submission of timecards.** Beverley Wood, Engineering Department, has recommended changing the time for submission of timecards from before time is worked until after time is worked. While the concept has been approved, ways to implement the idea are still being discussed.

**No. 264 - Time in grade requirements for fire protection and prevention series.** Lee O'Laughlin, the Naval Weapons Center Fire Division's fire chief, requested a waiver to allow management to determine when there has been significant training in airfield operations to warrant promotion to the GS-5 level. The action on this MIPI is pending at a higher level.

**No. 722 - Decrease paperwork, time & confusion in Time, Leave and Pay Manual.** Also submitted by O'Laughlin, this MIPI eliminates the requirement to send sick leave chits to Payroll since timecards already

provide this information.

**No. 377 - Doors inside the Michelson Laboratory.** Victoria Jaeger, Weapons Concept Branch, Weapon Systems Analysis Division, recommendation to replace doors in Michelson Lab with swinging doors will be implemented when money is available.

**No. 542 - Road divider.** Jaeger also suggested replacing the divided striping with a small raised divider on East Inyokern Road. This cost was included in Public Works' 1991 FES Plan.

**No. 395 - Delegation of Authority to issue licenses, permits and agreements.** Ken Freund, MILCON Branch, Facilities Planning Division, Public Works Department, asked for a waiver allowing local authority to negotiate licenses, permits and agreements that do not exceed five years rather than one year. The approval of this MIPI will reduce time lost waiting for off-site approvals, however, approval at higher levels is still pending.

**No. 422 - Command safety walk-through of workplaces.** This MIPI, turned in by Tom Kritzmire, Occupational Safety, Code 24, resulted in SPAWAR changing requirement of annual safety walk-through inspections by NWC Commander to "periodically" conducted inspections by chief staff officer or executive officer.

**No. 450 - Major contracts final audit by DCAA.** Thanks to Kathleen Muhlhausen, R&D Budget Branch, Budget and Resource Analysis Division, Code 28, NWC's in-house cost accounting process will be streamlined and NWC will automate control of audit cases and have closer contact with DCAA.

**No. 460 - Checklists for complex NAVWPNCENINST.** This MIPI, supplied by Eric Smith, Fleet Support Branch, Recovery Systems Division, Aerosystems Department, enhances accuracy and reduces costs of completing complex document packages.

**No. 473 - Transfer of compensatory time to other employees.** Diane Pinney, AV-8B Avionics & Weapons Integration Branch, Systems Integration and Evaluation Division, Aircraft Weapons Integration Department, requested a change to Public Law allowing employees to donate comp time as well as annual leave to approved recipients in the Leave Donor Program. While

approved at local level, it has been disappointed at higher levels.

**No. 519 - Training for NAF employees.** Pat Baczkiewicz, Human Resources Development Division, Human Resources Department, caused the regulations to be re-evaluated with the decision being made that training, if directly in support of NWC's mission, may be attended by NAF employees and paid for by appropriated funds.

**No. 557 - FMA signature of stubs under \$2500.** A MIPI by Donna Pettit, Code 24, eased and expedited stub processing.

**No. 582 - Demo project pay-out schedule - Skip Gorman,** Micro Systems Branch, Systems

Engineering Division, Engineering Department, would authorize the awarding of a portion of Is and Bs throughout the performance year.

**No. 583 - Computerized range log check-in and check-out.** Submitted by Cynthia Lorenzen, Radar Cross Section Range Office, Code 62, will be implemented when NWC's communications network is revised.

**No. 596 - Re-use of analog tapes.** Suggested by Darren Smith, A-6 Branch, Systems Engineering Division, Aircraft Weapons Integration Department, this MIPI has been approved and will reduce material costs by recycling flight test data tapes.



**MIPI RECOGNITION—Capt. Douglas W. Cook, NWC Commander, commended the many ideas for how to accomplish the Center's mission more efficiently through the Model Installation Program. The China Lakers pictured are the latest to have Model Installation Program Initiatives approved.**

## Thrift Savings Plan open season starts

Open season for enrollment or change in election in the Thrift Savings Plan (TSP) has started and closes Jan. 31. Pamphlets have been distributed to all employees.

TSP provides employees with an opportunity to save money on a tax-deferred basis to supplement annuity benefits from the FERS Basic Benefit Plan and Social Security; or CSRS, if applicable. It is similar to a savings plan which is widely used in the private sector, call "401-K."

Because of the advantages in participation in the TSP program, employees are encouraged to consider enrollment. The first advantage is contributions are tax-deferred. For FERS employees, another great advantage is the government will put in matching funds up to five percent of your basic pay. The greatest advantage, of course, is by participation in the TSP program, the annuity you receive when you retire will be increased -- the amount of the increase could be as much as 17 percent by contributing only five percent of your basic pay.

The TSP is the third tier of FERS and a very important part of future financial security. The government contributes one percent, whether or

not the employee participates. Employees may contribute as little as one percent or a fixed dollar amount under one percent, or a greater amount up to 10 percent of basic pay. The government will put in matching funds from one to four percent, depending on the amount of employee contributions, or up to a total of five percent.

Beginning in January 1991, FERS employees will be permitted to allocate all or any portion of future contributions to any of the TSP Investment Funds -- this includes agency contributions as well as their own. Previous elections made by FERS participants will be invalid if allocations were made to the C and/or F funds. Therefore, FERS participants who are currently investing in the C

and/or F funds must submit a new TSP-1 so that their contributions will be allocated to the proper funds; otherwise, payroll will be required to direct your contributions to the G Fund.

CSRS employees may contribute up to five percent of basic pay, but the government does not contribute any matching funds. Keep in mind contributions are tax-deferred. Effective January 1991, CSRS employees will be permitted to invest in any of the funds (G, C or F). In the past, they could only invest in the G Fund.

Employees who want to enroll or change their current election should contact their PMA during open season. For further information, call your PMA or John Powers at NWC ext. 2592.

## Report change of addresses

If you have not advised the Payroll Office of a new or different mailing address, you may not receive some important TSP material.

If you have moved or changed your mailing address, you should notify the Payroll Office immediately.

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**An Apple a day...**

Well, I finally had a first hand look at the new "low-cost" Macintosh computers. And, I'm impressed. Apple had to go through some serious engineering changes as well as some give-and-take to get the cost down and still deliver a good product.

Of the three new computers, only the Mac Classic retains the original integrated 9" video design. While the Classic has the performance of the SE, it does lack the internal expansion port found on the SE/30. As an entry level Mac, this is an excellent value for those who use word processing, spreadsheet, mail, and other basic applications.

The Mac LC is a thin new design that fills a niche between the Integrated Classic design and the Mac II series. The LC comes with built in color and video, Apple SuperDrive, sound in/out and a single internal expansion port. While the video comes built into the LC, it can be upgraded on the mother board to support more than the Apple 12" and 13" monitors. The internal expansion slot will accommodate the Apple Ethernet card, the new Apple IIe card, and others. The Apple IIe card enables you to run the multitude of applications that are available for the IIe. This one's sure to be a hit with people looking for a computer for home use.

The Mac IIsi is another sleek machine as compared to the other Mac II computers. The lower overall height of the machine is the result of placing the adapter card, sold separately, in a position to hold a NuBus or 030 Direct Slot card horizontally. As a member of the II series, the Mac IIsi has the capability to run A/UX, which is the Apple implementation of AT&T UNIX.

While it is obvious that Apple cut down the number of expansion slots in these new computers to cut costs, a new feature found on the LC and IIsi is sound in/out. Previous Macs have had the capability to provide sound output, but not record sound input. Now you can record your own sounds and edit them as well. Stay tuned to Compu-Chatter next week for a complete rundown on the new sound in/out capability. By Bob Beane

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## Secretary of Defense Thanksgiving Message To the Men and Women Of the Armed Forces

Just like the Pilgrims at Plymouth Colony, we use Thanksgiving Day to reflect on our blessings and give thanks for all we have, as individuals, families, and as a nation.

In the time that has passed since that first Thanksgiving in 1621, our nation, too, has survived difficulties. And we still face clear threats to those freedoms which the Pilgrims set about to find in a New World.

Today, many of you among the men and women of our Armed Forces stand at the forefront against aggression in the Middle East. With your vigilance and dedication, you are our nation's strength. Because of your professionalism and patriotism, our nation inspires freedom-loving people everywhere.

Whether you are in the Persian Gulf or on duty elsewhere away from your families this Thanksgiving, I offer special recognition and thanks for your sacrifice.

To all of you in uniform, your families, and to Department of Defense civilians who serve a vital role, I offer my personal best wishes for a happy Thanksgiving.

*Dick Cheney*  
**Dick Cheney**  
Secretary of Defense

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# Long-term assignments available

(Continued from Page 17)

military departments, other components of OUSD and various contractors. This position is open to DP-4 level only.

For more information, contact former incumbents Paul Coughlin, Code 39B3, NWC ext. 3331; and Jim Irvine, Code 3601, NWC ext. 3441; or present incumbent, Bill Stratton, AV 227-8183.

**Technology analyst, Office of the Chief of Naval Operations (OP-911):** Participant will be assigned a variety of duties planned to broaden perspective of Navy and DoD technology assessment, development and transition. This includes exposure to technology base management, strategies, defense policies, planning and the budgeting process. The participant will be involved in long range planning, the Balanced Technology Initiative Program and Advanced Technology Demonstrations. Participant will have direct interface with senior personnel in OSD (OUSD(R&AT)), other DoD agencies, OPNAV, all SYSCOMS, ONT and industry.

Participates in strategic planning through activities such as technology base guidance, war games, fleet exercise results, etc. In addition, assists in managing the execution of high pay-off/high risk R&D projects that support air, surface and subsurface platforms in priority warfare areas. Includes selection process for new fiscal year starts and support of Navy proposals in multiagency competition.

For more information, contact previous incumbent Frank Markarian, Code 3205, NWC ext. 7206.

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or call the Inspector General at:  
(800) 522-3451 (toll free)  
288-6743 (Autovon)  
(202) 443-6743 (commercial)

**Staff assistant, Office of the Chief of Naval Operations (OP-502):** Supports the office in developing, reviewing or revising operational requirements for all Navy and Marine air-launched weapons and ordnance. Supports the office in developing and managing the Navy and Marine budgets used to execute the development, production and logistics programs for air-launched weapons and ordnance. Assists in reviewing Government and industrial technology base efforts and developments and proposed applications of new technologies. Provides technical liaison between OPNAV and NWC as required.

The objectives of the assignments are to expand the incumbent's knowledge and understanding of the Navy's PPBS, acquisition system and experience in various areas of new technology. It will also expand and strengthen the incumbent's knowledge of the Navy's organization and how it works to define and procure weapons and ordnance systems to meet various mission phases.

For more information, contact previous incumbent Mike Stringham, Code 39B5, NWC ext. 2854, or present incumbent Mike Moroz, AV 224-2692.

**Budget analyst, SPAWAR 01-6:** DA-3 or DP-3, Series 501, 506, 510, 560 or anyone who can meet the X-118 qualifications for the 500 series listed.

Assists in preparation of guidance and instruction to the SPAWAR

R&D centers for preparation of the NIF budget, reviews and analyzes and makes recommendations on NIF budget estimates and justification submitted by R&D centers, analyzes NIF execution in comparison to the NIF budget plan and determines variances from the plan, prepares recommendations for remedial action where appropriate. Assists in analyzing monthly and quarterly financial reports, assists in preparing and analyzing the audiovisual, POL and base operation support exhibits, ACP budget exhibits, DoD R&D in-house report, internal DNL financial reports, etc.

Participant will gain a working knowledge of DNL and SPAWAR comptroller management policies and operations and become familiar with SPAWAR R&D centers' assigned mission areas, resource capabilities and management organizations.

For more information, contact previous incumbent John Pracchia, Code 2837, NWC ext. 3536 or present incumbent Norm Ponder, AV 332-3426.

**Technical Advisor Positions**  
**Naval Strike Warfare Center, Fallon, Nevada:** Tactics development and analysis. TACTS data analysis. Planning and analysis for CNO-080 (major defense suppression exercise). Electronic warfare integration. Hardware design and development and range installation. POM evaluation. Broad based weapon experience, knowledge of programmatic

issues and ability to define specific technical capability required. Provides technical alternatives and develops quantitative technical data to substantiate an operational need (must not be a salesman for specific concepts). A TOP SECRET CLEARANCE IS MANDATORY.

For more information, contact previous incumbent Bob Sutton, Code 3522, NWC ext. 3080, or present incumbent Pam Sexton, AV 830-3823.

**Naval Technical Intelligence Center (Office of the Chief of Naval Operations (OP-07)), Suitland, Maryland:** Provides technical support (analysis, coordination, recommendations) on a variety of issues related to U.S. and threat weapons systems. Tasks may include, but not be limited to, intelligence analysis, system analysis, policy formulation, participation in policy and program briefings, and liaison between TSG and other DoD activities. Position requires knowledge of weapon systems, technologies and applications, familiarity with technical issues relating to weapons research, development and acquisition. TOP SECRET CLEARANCE BASED ON A CURRENT SBI IS ESSENTIAL.

For more information, contact current incumbent Paul De Ruijter, AV 293-3409.

Apply by submitting a SF-171 to Code 22 (Jacqui or Sandra, Room 202, Bldg. 2335, NWC ext. 2434) by Dec. 7.

## Work near the Mediterranean

Following are five vacancies, under the Office of Naval Research and the Supreme Allied Commander Atlantic (SACLANT), which are part of the Undersea Research Center's organization, a combined NATO effort, located in La Spezia, Italy. The mission of the Center is to provide technical advice and assistance to SACLANT and NATO by conducting scientific research pertaining to undersea and anti-submarine defense. The tour of duty for these positions is three years, with a two-year employee initiated extension. The Center is staffed with 230 people from all the NATO countries, 50 of which are scientific and engineering professionals; structured to allow its scientific personnel the maximum opportunity to perform scientific work; and endowed with extensive support facilities, including a computer facility, library and data retrieval system, electronic and mechanical fabrication/calibration facilities, two research vessels and a ship operations department. English is the official language for publications, reports and general communication. The equivalent grade and pay levels range from GM-15 thru 17, \$59,216 to \$90,398 per year. The actual pay is made in Italian lire. To request information on pay rates be mailed to you, please call NWC ext. 2265.

(Continued on Page 19)

# SPEDI offers win-win procurement means

Think about the last stub you processed. Three months later your order arrived. The cost to the Naval Weapons Center to process this single stub, through delivery, was more than \$150, a total of more than \$6,000,000 for all stubs processed last year. This was not a win-win situation; the procedure was too slow and too costly.

Times are changing for the better. The Center now has the first phase of Small Procurement Electronic Data Interchange (SPEDI) in place. Using SPEDI, an ordering officer electronically places an order with a contract vendor and gets same-day confirmation of the order (versus the 50 days that an average stub used to take to reach the same point). SPEDI uses no unique or proprietary equipment. When the ordering officer places the order on the SCF VAX network, the order is checked electronically on Center then sent electronically to the vendor, who collects the order and ships the goods. The vendor is required to deliver the item quickly, usually the next working day. Order funds are neither committed nor obligated but are costed only upon receipt at NWC. Invoices and numerous other required reports are generated automatically by the SPEDI software.

SPEDI operates under individual vendor contracts. At least 30 such SPEDI contracts will be in place within 5 years covering about 70% of the Center's open-

market small procurements, including some services. The first contract, for office supplies, requires all orders to be delivered to NWC receiving within 24 hours. That contract was placed with a Denver company now opening a Ridgcrest facility. Future contracts will have similar quick-delivery requirements.

SPEDI contracts are requirements-type contracts; that is, if an item is available through SPEDI, it must be ordered on SPEDI. As more contracts are placed, bankcard use will drop. SPEDI will accept purchase up to \$25,000 per order (ten times the current bankcard limit), is just as fast as the bankcard, and involves less paperwork.

Though SPEDI is user friendly, even for people with minimal computer experience, system users need a short familiarization and training session to become SPEDI ordering officers. Many of the Center's bankcard buyers have already received this training. If you have any questions regarding the program, contact Steve Lyda at NWC ext. 3231.

A study team, chartered in January 1989 by the Center's Procurement Synerteam, worked the problem from the customer's perspective, rather than from the top down. Several procurement concepts were considered and rejected because they did not meet the Center's diverse needs. Some concepts were too complex or

inappropriate. SPEDI evolved as a simple approach to meet the needs of customers in the Center's technical and administrative base. The Executive Steering Group, acting on the recommen-

dations of the study group, gave SPEDI the go-ahead.

On Nov. 5, with the office supply contract in place and a cadre of trained ordering officers on Center, SPEDI became the first

major operational total quality management initiative.

SPEDI is the first procurement initiative of this type by any installation in the Department of Defense.



**NEW SYSTEM IMPLEMENTED** -- This special group of individuals worked to get the SPEDI program off the ground. Pictured (front, l to r) Cheryl Villalba, Gus Trotman, Harry Stevens, Don French, and Bob Olsen. (Middle, l to r) Dianne Campbell, Gloria Kindred, Char Bailey, Kim Phillips, Loren Castro, and Greg Edington. (Back, l to r) Mary Thompson, Linda Watkins, Pat Johnson, Ethyl Herrera, Leslie O'Neill, Steve Lyda, and Steve Cornet. TID Photo

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- Compound annual total return of Wal-Mart stock for the 1980s was 45% compared to 18% for the Dow Jones Industrial Average and 17% for the S&P 500.
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"Sierra" 3-piece ovenware set. Includes 3 quart lasagna and 1-1/2 quart covered casserole dish. Value \$30. Sale \$14.97.

"Easton" covered pedestal cake plate. Value \$30. Sale \$14.97.

"Georgetown" covered cheese platter. Value \$15. Sale \$7.47.

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## Innovation, determination brings TD Award for Chuck Pierce

(Continued from Page 1)

Pierce was nominated for the award by Capt. Allen who then headed the Aircraft Department. Pierce conceived the idea of adapting the A-3B (later redesignated as NA-3B) as a generic project aircraft for the Navy. He did design work, arranged for fabrication or acquisition of parts, and did much of the installation. What he didn't do himself, he assisted others in installing.

"This plane is one of the last functional bombers, they are in the process of being phased out, but by transitioning it into a full tactical aircraft where missiles and project equipment are hidden and less likely to be detected by radar makes it an extremely effective plane," said Pierce.

The A-3B had been assigned to China Lake because of the need to support

parachute testing. However, there was not enough parachute related work to support the aircraft due to its relatively high operating cost. Noting many missile/missile component projects require similar mounts, connections, and data recording, Pierce proposed an aircraft layout generally adaptable to the needs of a wide variety of projects being undertaken at NWC. Pierce commented, "the upgraded airplane includes inertial guidance, a color TV camera, data and video recorders, global position and satellite systems."

The conversion process entailed installing a major set of generic wiring in the aircraft and a master patch panel that can connect any of the six hardware-mounting stations, allowing almost any project to mount hardware and instrumen-

tation in the nose, tail, cockpit, or bomb bay of the aircraft. Extensive monitoring and recording equipment was also installed.

An A-frame was installed in the aircraft's nose, allowing it to carry a complete missile guidance system. This sticks through the nose of the aircraft and is in an environment obstructed or partly masked as it would be if the missile were on a rack under the wing of a Naval tactical jet.

Presently, the Tacit Rainbow (TR) program is a major user of the NA-3B aircraft. The NA-3B is flown against every TR target prior to missile launch and is also flown on the launch missions to correlate flight vehicle performance with that of the seeker mounted on the NA-3B. "Pierce was heavily involved in designing and fab-

rication of a noseframe structural mount and adapter to secure the TR seeker, and in the design and fabrication of supporting gear in the aircraft - monitoring, control and processing equipment," stated the nomination letter.

The letter went on to say, "the cost of creating the NA-3B, plus all of the NA-3B testing up to the present time, is less than the cost of one live missile shot in a test program."

Pierce would like Center employees to know the NA-3B is a full tactical aircraft, not a passenger plane, and is capable of flying both high and fast and low and fast. He is optimistic about the future for its use on Center. "The plane is already booked with projects for the next two years, now that tells you something!"



**ME AND MY AIRPLANE** — Like a proud new father, Chuck Pierce shows off his redesigned aircraft, the NA-3B. Originally used for parachute testing, the bomber is now a full tactical aircraft able to perform project functions in a unique way. Photo by PH3 Cary Brady

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by  
Alex Topar  
&  
Mary Frost  
Graduate Gemologist



Before you buy a new watch, acquaint yourself with the various kinds available. Mechanical watches are the traditional "wind-up" variety with a mainspring. Automatic or self-winding watches wind themselves as you move your wrist. Electronic watches are powered by batteries and are commonly known as "Quartz" watches; this is because the quartz resonates at the precise frequency required for timekeeping (known as piezoelectricity). We carry all kinds of fine watches in all price ranges. Let us show you our selection.

### Mr. T's Fine Jewelry

Sierra Lanes Plaza

### Rocketeer deadline today

Because of Thanksgiving on Thursday, Nov. 22, the *NWC Rocketeer* deadline for the submission of stories and photos will be the close of business today (Friday, Nov. 16).

All articles should be in the hands of the paper's staff before the close of business today. Anyone who has a problem meeting this deadline is encouraged to call the paper at NWC ext. 3354 to see if different arrangements can be made.

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- University of Alaska's 18th
- IWV Water District's 16th
- or Quoin's first 2

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## Off-Center positions open for DP-3s and DP-4s with three-five years of experience

(Continued from Page 16)

and management of resources of the DoD. Incumbent will have responsibility for studies and evaluations related to tactical warfare of high national importance and participate in management of a portion of the planning, programming and budgeting system

(PPBS). Normal day-to-day duties include planning, evaluating and analysis in one or more of the tactical warfare R&E mission/system areas such as close air support, battlefield interdiction, deep strike, naval strike, defense suppression and air superiority. Will also include preparation or review of defense studies,

mission/system area analysis, decision coordinating papers, the various documents in the DoD PPBS, and statements and testimony to the U.S. Congress. Will work with various members of the staff of the OUSD and maintain liaison with officials in the (Continued on Page 18)

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# Give Thanks for Savings!

# The Thanksgiving Sale

## Save 25-40% off

on items for Women, Men, Children & the Home.

**Start your holiday shopping now for great values & great service. Both at Boston Stores!**

#### WOMEN

Cathy Daniels related knit separates. Choose from a variety of patterns in tops, skirts and pants. Reg. \$24.-44. Sale 33% off.\*

Missy knit tops. Reg. \$26.-38. Sale 25% off.\*

Missy 2-piece poly/cotton pant sets. Assorted brights and pastels. Reg. \$21.99-25.99. Sale 25% off.\*

Selected famous maker coordinates. Sale 33% off.

Petite twill pants and skirts. Choose from a variety of fashion colors. Sizes 4-14. Orig. \$30. Sale 33% off.

Fuller Fashion novelty fleece tops. Sizes 38-44. Reg. \$28. Sale 25% off.\*

What are you going to give thanks for this Thanksgiving?

My family. My friends.

And the Boston Stores' Sale!

Selected dresses. Sale 33% off.

Selected Junior sweaters. Sizes S-M-L. Reg. \$28.-48. Sale 33% off.\*

Junior dresses. Choose from regular price dresses, jump-suits and rompers. Sizes 3-13. Reg. \$34.-72. Sale 25% off.\*

Selected Junior skirts. Sizes 3-13. Reg. \$18.-36. Sale 33% off.\*

Fall fashion robes. Orig. to \$48. Sale \$29.97-34.97.

Novelty sleepwear. Beautiful peignoirs and teddies. Orig. to \$40. Sale 33% off.

Entire stock of Playtex Support Can Be Beautiful foundations. Sale 40% off.\*

Entire stock of Playtex Super Look foundations. Sale 40% off.

Selected handbags. Sale 33% off.

Selected purse accessories. Sale 33% off.

Entire stock of regular price Monet costume and fashion jewelry. Sale 25% off.\* (Selected stores only.)

Selected styles of fashion earrings. Sale 40% off.\*

#### MEN

Puritan stripe knit shirts. Orig. \$24. Sale \$17.97.

London Fog sweaters. Reg. \$22.-65. Sale 33% off.\*

Haggar tri-blend belted dress slacks. Orig. \$38. Sale \$28.97.

#### CHILDREN

Coosa corduroy pants. Orig. \$30. and \$32. Sale \$21.97 and \$24.97.

Selected terry and velour robes. Orig. \$26.-45. Sale \$18.97 - 32.97.

Entire stock of men's gloves and scarves. Sale 33% off.\*

#### HOME

No Excuses jeans. Girl's sizes 7-14. Orig. \$26. Sale \$19.47.

Selected Her Majesty panties. Girl's sizes 4-14. Orig. \$2.50. Sale \$1.47.

Entire stock of regular price pants. Boy's sizes 4-20. Reg. \$22.-29. Sale 25% off.\*

Lace tablecloths. Choose from a variety of sizes. Value \$26.-28. Special \$12.97.

Battenberg style decorator pillows. Value \$20. Special \$9.97.

Rogers cutlery sets. 4-piece set. Value \$20. Sale \$9.97. 10-piece set. Value \$40. Sale \$19.97.

\*Discount taken at register. Some items not available in some stores. Intermediate markdowns may have been taken.

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# Vacancies are available at Naval Weapons Center

(Continued from Page 15)

and provides software engineering in support of the TARIF program. The incumbent will be required to develop software engineering expertise in the complex TACTS environment. The incumbent will lead and participate in in-house and contractor efforts to upgrade the TACTS computer systems and applications software. Applicants should possess knowledge of and experience in realtime programming. Ability to obtain and maintain a secret clearance is necessary. Promotion potential to DP-3, but not guaranteed. To apply, submit a current SF-171 to Ken Bailey, Code 6436, NWC ext. 2951.

No. 62-034, Interdisciplinary (General/ Electronics/ Mechanical/ Aerospace Engineer/Physicist/ Mathematician/ Computer Scientist), DP-801/855/830/861/1310/1520/1550-3, Code 62C2-

Serves as focal point for program offices/other sponsors for test work on NWC SNORT Ranges. Responsibilities include test planning, fiscal management, test coordination, analysis, and documentation of assigned projects. The incumbent serves as the primary contact with sponsors, technical and administrative associates, center managers, contractors and national associates. Sponsors are from both on-Center and off-Center and include SPAWARS, Marines, Air Force, Army, private industry and foreign military. Little or no travel is required. Position includes a good balance between desk work and field work. Incumbent must be able to communicate effectively with all levels of Center managers and work effectively with people. To apply send an updated SF-171 to George Ostermann, Code 62C2, NWC ext. 6808.

## NWC looking for employees to fill long-term assignments

Following are Off-Center assignments the Center plans to participate in for 1991. Starting dates for these assignments will vary from July to September 1991. Selections will be made by January in order to allow time to plan for employees' one-year absences from the Center.

Only DP-3s and DP-4s, with a minimum of three to five years' experience at NWC qualifying for series 801, 830, 855, 861, 1310, 1515, 1520 and 1550 are eligible to apply. The one exception to this is the position listed under SPAWAR 01-6.

Location: All positions are located in the Washington D.C. area with

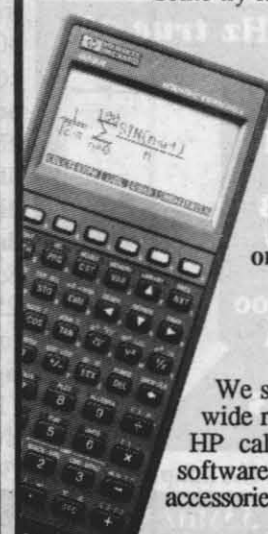
the exception of the technical advisor position at the Naval Strike Warfare Center, Fallon, Nevada.

Staff assistant, Air Warfare (Tactical Warfare Programs) OUSD (Acquisition) (OUSD(a)): Performs variety of duties as staff assistant in the Office of the Under Secretary of Defense (Acquisition) (OUSD(A)) in order to gain a broader perspective of issues involved in research and development of tactical mission areas, related programs and planning

(Continued on Page 17)

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### Secretarial opportunities

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grades, administrative functions become predominant. At the higher levels, secretaries apply a considerable knowledge of the organization, its objectives and lines of communication. Depending on grade level, typical secretary duties are implied by the job relevant criteria indicated below.

Applicants will be rated against four or more of the following job relevant criteria: (1) ability to perform receptionist and telephone duties; (2) ability to review, track, screen and distribute incoming mail; (3) ability to review outgoing correspondence; (4) ability to compose correspondence and/or prepare non-technical reports; (5) knowledge of filing systems and files management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary applications will be rated on elements 4/7/8/9. A SUPPLEMENTAL FORM IS REQUIRED AND MAY BE OBTAINED IN ROOM 100 OF THE PERSONNEL BUILDING.

No. 28-031, Secretary (Typing), DG-318-1/2, Code 2837 - This position provides secretarial and administrative support to the Head, Corporate Budget Branch and branch personnel. Must possess basic secretarial skills of telephone etiquette, writing routine correspondence and knowledge of official naval correspondence format, Center organization, and administrative operations. Hands-on experience with Macintosh computers is desirable.

No. 30-011, Secretary, DG-318-2/3, Code 306 - Incumbent will provide secretarial support to the Advanced Technology

Support Program of the Weapons Planning Group. Knowledge and working skill on the Macintosh PC is desirable. Applicants must be able to obtain and maintain a Top Secret clearance based on a Special Background Investigation. Promotion potential to DG-3. Area of consideration/recruitment is limited to the 03 Directorate. Previous applicants need not apply.

No. 31-083, Secretary (Typing), DG-318-1/2, Code 3156 - The incumbent will provide secretarial and administrative support to the RF Systems Branch. Knowledge of and working skill on the Macintosh PC is desirable.

Promotion potential to DG-2. The area of consideration for this position is the 03 Directorate.

No. 35-014, Secretary (Typing), DG-318-1/2, Code 3513 - The incumbent provides secretarial support to the Systems Effectiveness Branch. Experience operating Macintosh computer and experience dealing effectively with all levels of personnel is desirable. Must be able to obtain and maintain a secret clearance. Position is located in the Bldg 00003 complex. Promotion potential to DG-2. Area of consideration is limited to the 03 directorate.

## CSUB counselors advise students during visit

Academic counselors of Cal-State University Bakersfield will be on-Center Dec. 7 to advise current and prospective students in the external degree

programs offered by that school.

Those who wish to make an appointment should call Helen Benes at NWC ext. 2648.

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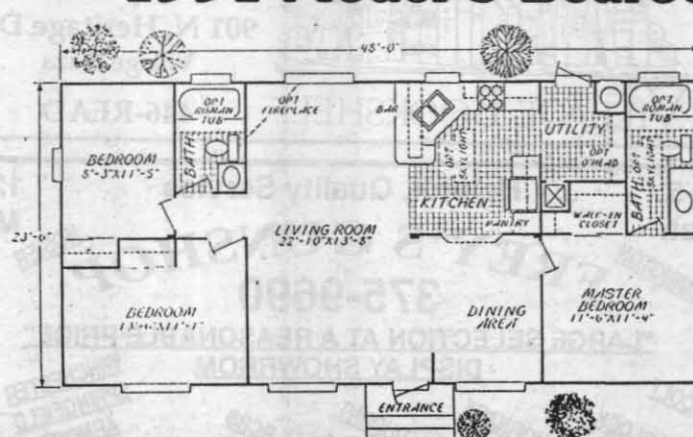
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# HARM LCS project advances with new prototype models

(Continued from Page 1)

decision point to go forward with the project.

Delivery of the first PPM Low Cost Seeker unit on Oct. 30, was the result of a full-scale engineering development contract signed in early 1988. This contract called for Ford to build 45 PPM units to be used for DT/OT evaluations. Ford Aerospace was recently purchased by Loral Corp. and is now Loral Aerospace.

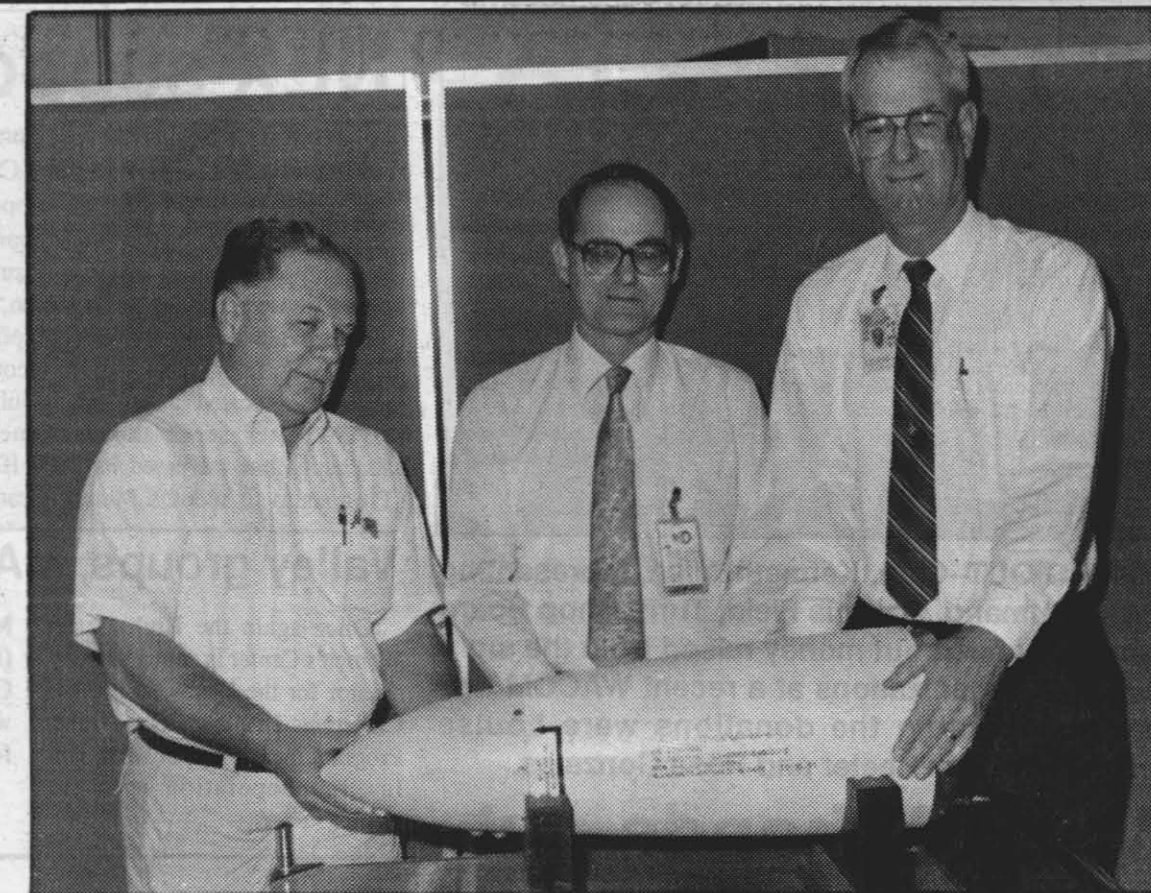
NWC testing will include hardware-in-the-loop simulation, the multiple agile radar target simulator, the microwave anechoic chamber and captive carry tests. The first launch of a Low Cost Seeker PPM from an NWC aircraft is expected by the end of 1990. Schmitt expects about 20 PPM launches during the current fiscal year.

At the conclusion of PPM testing, a Milestone IIIA decision will be made on funding low-rate production by the contractor.

Schmitt said production of HARM was expected to continue through at least fiscal year 97. The LCS goal is to be able to have Loral Aerospace and the new seeker to compete with Texas Instruments, for seekers on new HARMs by fiscal year 93.

Members of the LCS program family are excited about the newest steps in developing the seeker. Schmitt noted the whole idea had been for NWC to design the seeker and have industry compete for the right to take that design, without modifications, and manufacture it.

The HARM LCS team has been working since 1983 to see the a production unit seeker in the air. They won't have to wait much longer.



FIRST OF ITS KIND--Mike Schmitt (center) of the Low Cost Seeker Development Office and Paul Homer (right) head of the Attack Weapons Department, symbolically accept the first prototype production model of the HARM LCS from Bill Hughes, manager of the Loral Aerospace China Lake office. Photo by PH3 Cary Brady

## DoD agency tells about 'want list' for people in Desert Shield

Defense Logistics Agency workers are manning a hotline to handle donations for Operation Desert Shield.

The hotline, 1-703-274-3561, is answered Monday through Friday, from 8 a.m. to 4 p.m., Eastern time. During non-duty hours, an answering machine takes messages.

Agency officials have compiled a list of items acceptable for donations, said Army Lt. Col. Henry Wyatt. "There's been a tremendous amount of interest from the general population concerning what they

can send and how to send the items," said Wyatt, a reservist working at the agency who was called up to support Desert Shield.

The list provides ideas of what the military services can use in the gulf. Officials hope the list will also prevent the shipment of perishable items and items that Saudi Arabian customs officials might seize.

The list includes items for:

- Sports: softball equipment, soccer balls, basketballs;
- Fitness Equipment: jump ropes, weights;

- Reading Material: comic books, paperback books;
- Writing Material: stationery, pens, holiday cards;
- Games: chess, checkers, backgammon, cards;
- Hobby: macrame, needlecraft kits, paint and drawing supplies;
- Music and Audio: blank and prerecorded video and audio tapes, instruments, radios and batteries; and
- Miscellaneous: wiffle balls, sun visors, sun block and insect repellent.

Wyatt explained that individuals who would like to send gifts to the troops in the Persian Gulf should send them to the "any service member" addresses. Wyatt recommended calling the hotline for additional information before sending the items.

The addresses are: Any Serviceperson, Operation Desert Shield, APO New York 09848-0006 (for Army, Air Force and land-based Marines); or Any Serviceperson, Operation Desert Shield, FPO New York 09866-0006 (for Navy and shipboard Marines).

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**HELPING OUT**—Capt. Kenneth Allen, representing NWC Command, and Iola Field, Thrift Shop Board member, handed out money raised from the store to various organizations at a recent WACOM luncheon. Accepting the donations were Louise Tankersley, Cami Keeter and Rose Gonzales.

## WACOM hands out Thrift Shop profits

Proceeds from sales at the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) Thrift Shop were distributed during WACOM's November meeting, prior to their annual fashion show. The funds were earned at the Thrift Shop located on the Naval Weapons Center from April through September 1990.

Capt. K.E. Allen, NWC Chief Staff Officer, represented NWC command and presented the donations to representatives of the following organizations. Rose Gonzales accepted a \$3,300 check for United Way, Louise Tankersley was handed a \$6,300 check for Navy Relief and Cami Keeter was presented a \$3,000 check to help support the NWC Child Development Center. The Thrift Shop also earned an additional \$1,400 to help support WACOM undertakings.

Any worthwhile non-profit organization wishing to be considered for a donation, may contact a member of the Thrift Shop Board -- Fran Fletcher or Iola Field. The shop's number is 446-6667.

## Supercomputing Forum continues

Tuesday afternoon, the Supercomputing User Group's Supercomputing Forum will highlight work done by NWC scientists and engineers on the Cray Supercomputer. Jan Schulz from the Warhead Dynamics Branch, will talk about *Cased Energetic Material Impact Debris* starting at 1 p.m. in Room 1000D, Michelson Lab. At 1:30 p.m., Ron Hoffman, Explosives Development Branch, will discuss *Reactive Flow Modeling of Explosives*. Eric Lundstrom, Warhead Development Branch, will explain *Hydrocode Studies of Sympathetic Detonation in Bomb Stacks* at 2 p.m., followed by Mike Adkins on *Nonlinear Analysis of Composite Airframe Structures* at 2:30 p.m. Adkins is in the Structural Mechanics Branch. *Defense Laser/Target Simulation* will be the subject of the talk given by Wayne Tanaka, Laser Systems Branch, at 2:40.

Fernando Escobar, Scientific Application Branch, will demon-

strate the Cray Performance Analysis Visualization Tool at 3 p.m., followed by Data Visualization Using Intelligent Light by Bruce Lowry.

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## NEX supporting Desert Shield

According to Ensign Michael Corsey, officer-in-charge of the Naval Weapons Center's Navy Exchange, the local store is supporting Desert Shield by providing free gift wrapping, packaging and shipping for all eligible purchases sent to forces of Desert Shield. In addition, the Exchange will provide the use of video taping equipment with purchase of a video tape to record messages to loved ones located in the Persian Gulf.

To better serve the customer, the NWC Exchange has increased its Take Home Layaway Program to six months. Members can now layaway

their items and take up to six months to pay for them.

In response to customer requests, the local store now carries a complete line of Fashion Faire Cosmetics and are providing free samples with each purchase.

Future November events include:

- Free gift with purchase of Black Hair products;
- Wine tasting tomorrow (Saturday);
- 50% off gold sale Nov. tomorrow and Sunday;
- NEX Twilight Sale from 6:30 to 9 p.m. on Nov. 30.

## Valley groups, MAD seek holiday donations, help

Once again the High Desert Women's Center is acting as coordinator for the Thanksgiving and Christmas Holiday Food Basket Program for the Indian Wells Valley in cooperation with the

Marine Aviation Detachment (MAD) at the Naval Weapons Center. Members of the MAD will continue to be responsible for the Christmas toy drive.

Anyone wishing to take part in

this program for the 1990 holiday season by donating a basket, or notify us of a needy family or individual, should telephone the program's coordinator at 446-6756.

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## Qualified personnel needed to fill various positions

(Continued from Page 14)

be able to obtain and maintain a Secret clearance. The full performance level of this position is DP-3.

**No. 31-090, Computer Specialist, DS-334-3, Code 3142** - This position is located in the AV-8B Avionics and Weapons Integration Branch, System Integration and Evaluation Division of the Aircraft Weapons Integration Department. The incumbent is responsible for development of software and life cycle support of the Memory Loader Verifier (MLV) Advanced Memory Loader Verifier (AMLV). Responsibilities will include planning, developing, implementing, and problem solving. Software development of interfaces with avionics systems on the following aircraft: A-4M, A-6E, A-7E, AV-8B, F/A-18, and F-14D. **Job Relevant Criteria:** Knowledge of MIL-STD 1679 and 2167 software development standards; skill in using a microprocessor computer system including 8080 Assembly language and Pascal; ability to utilize a structured software engineering development process; ability to work effectively as a team member coordinating and supporting multiple projects; ability to implement changing requirements and specifications. Full performance level of this position is DP-3.

**No. 36-028, Supervisory Interdisciplinary (General/Safety/Mechanical/Electronics/Industrial Engineer/Physicist/Chemist/Mathematician), DP-801/803/830/855/896/1310/1320/1520-3/4, Code 3682** - This vacancy is the quality assurance branch head position in the Product Assurance Division. The branch is responsible for providing quality assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. The division has the responsibility for establishment, coordination and implementation

of Center policies and procedures consistent with applicable Center, DoD, DON, SPAWAR, NAVAIR and NAVSEA requirements and policies. This division has high visibility involving significant interface with contractor and off-Center government management, and requires extensive travel. **Job Relevant Criteria:** Knowledge of the weapons system acquisition process; knowledge of and a willingness to support NWC EEO programs goals and objectives; ability to supervise a large branch through subordinate section supervisors; ability to communicate well both orally and in writing; ability to interface effectively with both on and off-Center management. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4 but not guaranteed. **The area of consideration for this position is the 03 Directorate.**

**No. 36-029, Supervisory Multidisciplinary (Quality Assurance Specialist/Electronics Technician), DP-1910/856-3/4, Code 3682** - This vacancy is the quality assurance branch head position in the Product Assurance Division. The branch is responsible for providing quality assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. The division has the responsibility for establishment, coordination and implementation

of Center policies and procedures consistent with applicable Center, DoD, DON, SPAWAR, NAVAIR and NAVSEA requirements and policies. This division has high visibility involving significant interface with contractor and off-Center government management, and requires extensive travel.

**Job Relevant Criteria:** Knowledge of the weapons system acquisition process; knowledge of and a willingness to support NWC EEO programs goals and objectives; ability to supervise a large branch through subordinate section supervisors; ability to communicate well both orally and in

writing; ability to interface effectively with both on and off-Center management. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-4 but not guaranteed. **The area of consideration for this position is the 03 Directorate.**

### Reassignment opportunities

This column is used to fill positions through reassignment only. For this reason, the Reassignment Opportunity Announcements are separate from the Promotion Opportunities column in the Rocketeer. Applications will be accepted until the date stated in the announcement. Employees whose work history has not been brought up to date are encouraged to file an SF-171 or 172. All applications must meet minimum qualification requirements established by the Office of Personnel Management. Information concerning the recruitment and placement program and the evaluation methods used in these reassignment opportunities may be obtained from Personnel Management Advisors (Code 096 or 097). Applications should be filed with the person whose name is listed in the announcement. The Naval Weapons Center is an Equal Opportunity Employer.

**No. 31-084, Interdisciplinary (General/Electronics/Electrical/Aerospace/Mechanical Engineer/Physicist/Mathematician/Computer Scientist), DP-801/855/850/861/830/1310/1520/1550 - 2/3, Code 3193** - This position is in the AV-8B Systems Engineering Branch of the Aircraft Weapons Integration Department. The incumbent will be responsible for the provision of security policy and general procedures for Code 31 computer/office information systems and interconnections of these systems. Background in computer system administration and technical experience in either computer operations, systems software, or application software is desirable. To apply send an updated SF-171 to D. Smith, Code 3115, NWC ext. 5023.

**1520/1310-2/3, Code 3115** - This position is that of ADP Security Specialist in the Aircraft Weapons Integration Department, Avionic Facilities Division, AWID Systems Support Branch. The incumbent will be responsible for the provision of security policy and general procedures for Code 31 computer/office information systems and interconnections of these systems. Background in computer system administration and technical experience in either computer operations, systems software, or application software is desirable. To apply send an updated SF-171 to D. Smith, Code 3115, NWC ext. 5023.

**No. 31-089, Interdisciplinary (General Engineer/Mathematician/Computer Scientist/Physicist) DP-801/1520/1550/1310 - 2/3, Code 3142** - This position is located in the AV-8B Avionics and Weapons Integration Branch,

System Integration and Evaluation Division of the Aircraft Weapons Integration Department. The incumbent is responsible for development of software and life cycle support of the Memory Loader Verifier (MLV) Advanced Memory Loader Verifier (AMLV). Responsibilities will include planning, developing, implementing, and problem solving. Software development of interfaces with avionics systems on the following aircraft: A-4M, A-6E, A-7E, AV-8B, F/A-18, and F-14D. The full performance level of this position is DP-3. To apply send an updated SF-171 to L. Roush, Code 3143, NWC ext. 5575.

**No. 64-016, Interdisciplinary (Electronics Engineer/Mathematician/Computer Scientist), DP-855/1520/1550-2/3, Code 6436** - This position is in the Threat Simulator Systems Branch (Continued on Page 16)

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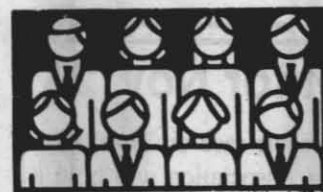
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# Personnel News & Notes

## Promotional opportunities

Applications for positions listed below are being accepted from Department of Navy employees currently working at NWC and from eligible employees of attached activities who are permanently assigned to NWC. This group includes employees with career or career conditional appointments; employees with permanent Veterans Readjustment Act (VRA) appointments; temporary employees with reinstatement eligibility; and handicapped employees with Sch. (A) continuing appointments. Also included are spouses, with competitive status, of civilian sponsors hired by a DOD activity within NWC's commuting area. Applications from other groups will be accepted when specified in an advertisement. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications requirements, by the closing date of the advertisement. Evaluation of applicant's qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, performance assessment and awards.

Eligible spouses (of military sponsors) with competitive employment status may apply for employment preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they applied. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

**HOW TO APPLY:** Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSAs) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandy. Announcements close at 4:30 p.m. on Friday, one week after the opening date of the announcement, unless otherwise specified. Applications received after 4:30 p.m. on the closing date will not be considered. Copies of Applications may be submitted since applications are kept in an announcement file and cannot be returned or filed in personnel folders. The Naval Weapons Center is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

**No. 22-007, Personnel Clerk/Assistant (Typing), DG-203-A/1/2, Code 226** - Incumbent performs the following duties for a major department(s): processes all actions affecting appointments, pay setting, separations, conversions of appointment, etc; performs competitive/noncompetitive qualification ratings; performs ranking and may conduct ranking/selection panels; and drafts vacancy announcements for recruitment. At higher levels, incumbent advises/recommends to supervisors and managers recruitment options for certain occupations (e.g. clerical); participates in various phases of credit

plan development. **Job Relevant Criteria:** Knowledge of personnel policies and procedures related to staffing; ability to plan, organize, and accomplish work independently; ability to perform a variety of clerical/technical functions; ability to research, comprehend, and apply complex regulatory information. Promotion potential to DG-3. Previous applicants need not reapply.

**No. 24-024, Fire Protection Inspector, GS-081-6/7, Code 24202** - This position is located in the Fire Division, Safety and Security Department. The incumbent makes continuous inspections of buildings, their

contents, utilities and surrounding areas, of processes and operations in regularly assigned areas; recommends corrective action, makes written reports and conducts follow-up inspections; reviews plans for new construction and extension of existing structures recommending changes and additions to ensure compliance with fire prevention and protection requirements. Incumbent tests, services and installs fire equipment, fire doors, sprinkler systems, alarms, etc. Presents fire prevention training and instructions, and conducts evacuation and fire drills. **Job relevant criteria:** Knowledge of fire prevention inspection principles; Knowledge of the physical layout of NWC, including the airfield; Ability to communicate in writing; Ability to communicate orally; Skill in testing, servicing and installing fire equipment, fire doors, sprinkler systems, alarms, etc. **Supplemental Qualification Statement is required to address the job relevant criteria.** Promotion potential is GS-7, but not guaranteed.

**No. 25-016, Procurement Officer, DA-1102-1, Code 256** - The incumbent acts as a contracting officer utilizing small purchase and expedited contract procedures to acquire goods and services. Under the close supervision of the senior branch contracting officer, is provided with progressively responsible experience and training in awarding and administering firm fixed-price and similar contracts, and orders under contracts of this type. Travel and off-center training is required. **Job Relevant Criteria:** Knowledge of Navy small purchase procedures equivalent to the journeyman (DG-3) level; knowledge of business practices; ability to gather, compile and analyze data; ability to communicate orally; ability to communicate in writing. Promotion potential to DA-3, but not guaranteed.

**No. 30-014, Administrative Assistant, DA-341-1, Code 303** - This position is located in WEP-TAC. Major duties include service cost center budget analysis, equipment management, procurement package preparation, facilities planning, and other miscellaneous administrative support tasks. Familiarity with Macintosh spreadsheet software is desirable, but not required. **Job**

**relevant criteria:** Knowledge of budget and financial procedures; Ability to gather, compile, and analyze data; Ability to interpret and apply rules, regulations, policies, procedures, and instructions; Ability to communicate orally; Ability to communicate in writing. **Supplemental Qualification Statement is required to address the job relevant criteria.** Promotion potential is DA-2, but not guaranteed.

**No. 31-082, Interdisciplinary (Mathematician/Computer Scientist/Operations Research Analyst), DP-1520/1550/1515-1/2/3, Code 3181** - This position is located in the Systems Effectiveness Branch, Survivability and Lethality Division, Aircraft Weapons Integration Department. The Systems Effectiveness Branch provides survivability and mission effectiveness analysis to support Navy and Marine Corps weapons systems developments, including manned aircraft, cruise missiles, and unmanned aerial vehicles. The incumbent is responsible for data reduction, data analysis, simulation of air vehicles in a multiple threat environment and will provide support to various survivability and effectiveness projects within the branch. **Job Relevant Criteria:** Knowledge of mathematical modeling and computer simulations; knowledge of large scale simulations of air vehicles in threat environments; ability to perform analysis; ability to communicate orally; ability to communicate in writing; ability to work effectively as a team member. The full performance level of this position is DP-3.

**No. 31-085, Computer Specialist, DS-334-2/3, DP-334-3, Code 3191** - This position is in the A-12/NATF Systems Engineering Branch of the Aircraft Weapons Integration Department. The incumbent will be responsible for managing one or more DEC VAX 6400 series computers in a VAX-cluster system. The system will be configured as a local area network that will include DEC VAX 3100 workstations, printers, terminals, and Apple Macintosh computers. The incumbent will also be responsible for the software tools used in the branch. (Prefer knowledge of Interleaf, Oracle, CADRE, and Telesoft ADA compilers, but not required). **Job Relevant Criteria:** Knowledge

of DEC VAX clusters and local area networks; skill in programming in a VAX/VMS environment; ability to identify, define, and/or design, test, implement, and port software tools as necessary; ability to work in a team environment. Must be able to obtain and maintain a Top Secret security clearance. The incumbent is subject to polygraph tests. The full performance level of this position is DP-3.

**No. 31-086, Clerk, DG-303-1/2, Code 315** - (This is a Part Time position). This position is located in the Targeting and Fire Control Division of Code 31. The incumbent is responsible for the receipt, records maintenance, and destruction of classified documents for the Division. The incumbent also provides clerical support to the Division. **Job Relevant Criteria:** Knowledge of NWC security procedures and regulations as related to classified documentation; ability to deal effectively with people; ability to apply rules, regulations, policies, procedures, and instructions. Secret clearance is required. The full performance level of this position is DG-2. The area of consideration for this position is the 03 Directorate.

**No. 31-088, Computer Specialist/Communications Specialist/Engineering Technician/Computer Engineering Technician/Electronics Technician, DS/DT-334/393/802/856-2/3, DP-334/393/802/856-3, Code 3115** - This position is that of ADP Security Specialist in the Aircraft Weapons Integration Department, Avionic Facilities Division, AWID Systems Support Branch. Incumbent will be responsible for the provision of security policy and general procedures for Code 31 computer/office information systems and interconnections of these systems. Background in computer system administration and technical experience in either computer operations, systems software, or application software desirable. **Job Relevant Criteria:** Knowledge of state-of-the-art PC/Computer networks and systems; knowledge of large scale computer systems; knowledge of existing ADP security regulations and procedures; ability to interpret and implement written instructions; ability to deal with all levels of personnel. Incumbent must (Continued on Page 15)

## Rocketeer set to publish on Thursdays

Starting the week of December 3, the *NWC Rocketeer* will shift to a Thursday publication date. This means the newspaper will be delivered to offices and mailrooms on board the Naval Weapons Center on Thursdays not Fridays.

The change in publication date is an effort to provide better service and be responsive to the needs of our customers, the readers of the *Rocketeer*. In making the change, we considered comments from the readership survey conducted last spring indicating there were a large number of employees not at work on Fridays meaning they did not get timely delivery of the paper. This change

should help those on flex or first-forty schedules get their papers before the weekend.

With the change in publication day, comes the need to adjust deadlines. Starting with the issue of December 6, the *Rocketeer* deadline for submission of articles, photos and information will be close of business on the Friday preceding publication. Thus the deadline for the December 6 issue is Friday, Nov. 30.

The *Rocketeer* staff and the Public Affairs Office hope this new schedule will improve distribution and make it easier for all China Lakers to get their copy of the paper and be aware of what's happening in the area.

## Bennington Plaza Barber Shop closes for holiday period

To allow employees and customers to properly celebrate Thanksgiving Day, the Barber Shop at Bennington Plaza will be closed Nov. 23 and 24.

## CLPD radar areas announced

Motorists on board the Naval Weapons Center are reminded that China Lake Police Division officers enforce state and NWC traffic regs. According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas

concentration for radar traffic enforcement for next week are:

- Monday -- Lauritsen Road.
- Tuesday -- Pole Line Road.
- Wednesday -- Sandquist Road.
- Thursday -- Inyokern Road.
- Friday -- South Knox Road.

## Code 61 Turkey Day lunch set

Once again, members of the Naval Weapons Center's Aircraft Department will hold a Thanksgiving luncheon on the West Deck of Hangar Three. The feast, set for 11:30 a.m. on Monday is held mainly for the military personnel and junior professionals, along with civilian workers in Code 61, noted Jeannie Canfield, department secretary. "Last year's luncheon was such a success," said Canfield, "we decided to try it again. We secretaries in Code 61 appreciate and value our dedicated enlisted women/men who serve our country and Code 61's civilian counterparts! This is our way of showing our thanks."

## Get Dressed for the Holiday's.

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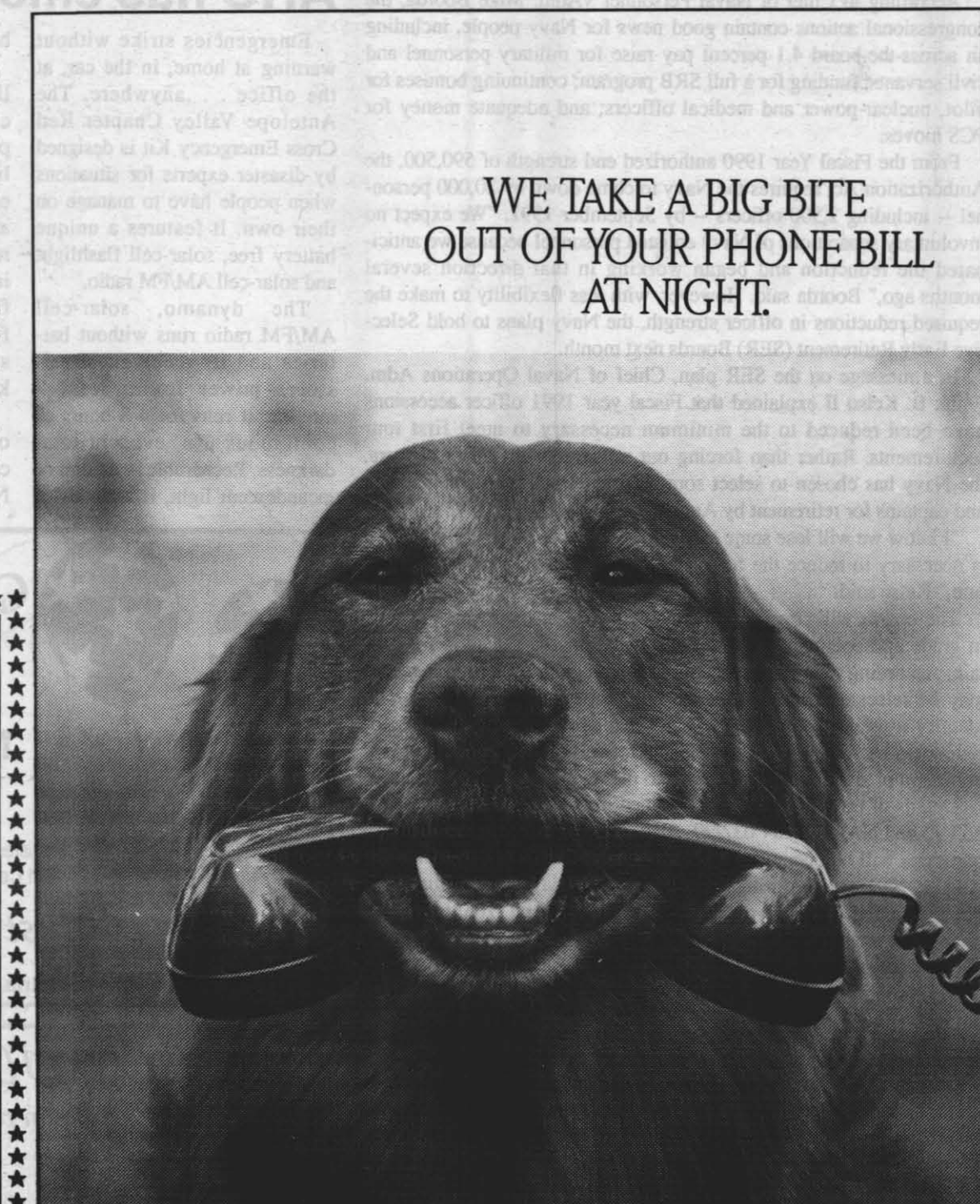
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## Defense bills have some good news

### Pay raise, SRB funding, PCS money included

Washington (NNS) -- Before recessing for the elections, the Senate and House of Representatives passed the Defense Authorization and Appropriations acts for Fiscal Year 1991.

According to Chief of Naval Personnel VAdm. Mike Boorda, the congressional actions contain good news for Navy people, including an across-the-board 4.1 percent pay raise for military personnel and civil servants; funding for a full SRB program; continuing bonuses for pilot, nuclear-power and medical officers; and adequate money for PCS moves.

From the Fiscal Year 1990 authorized end strength of 590,500, the Authorization Act requires the Navy to come down by 20,000 personnel -- including 2,500 officers -- by September 1991. "We expect no involuntary separations of Navy enlisted personnel because we anticipated the reduction and began working in that direction several months ago," Boorda said. However, with less flexibility to make the required reductions in officer strength, the Navy plans to hold Selective Early Retirement (SER) Boards next month.

In a message on the SER plan, Chief of Naval Operations Adm. Frank B. Kelso II explained that Fiscal year 1991 officer accessions have been reduced to the minimum necessary to meet first tour requirements. Rather than forcing out mid-career or junior officers, the Navy has chosen to select some retirement-eligible commanders and captains for retirement by August 1991.

"I know we will lose some valuable experience by doing this, but it is necessary to reduce the force size commensurate with force structure," Kelso said.

The boards will consider captains with four or more years of time in grade and commanders who have twice missed selection for captain. According to law, 30 percent of those regular officers considered may be selected to retire. Through this process, the Navy expects to identify a total of approximately 400 captains and commanders for retirement by Aug. 1. Officers selected for early retirement will have a minimum of six months notice prior to the required retirement date.

Details of the SER plan are contained in NAVOP 093/90, ALNAV 165/90 and NAVADMIN 032/90. Also, a hotline to respond to related questions will be operational from 8 a.m. to 5 p.m. Eastern time until Aug. 1, 1991 except during weekends and holidays. The hotline telephone numbers are Autovon 224-3366 or commercial (703) 614-3366.

In other areas of the Authorization Bill, three major additions to the Navy-Marine Corps inventory were allotted funding. For Navy air power, funding for research and development of the A-12 "Avenger" aircraft -- the A-6 "Intruder's" replacement -- was approved. The bill also authorizes 48 F/A-18 "Hornets" and 12 re-manufactured F-14DS. Not requested by DoD, research, development and advance procurement funding was approved for the Tilt-Rotor V-22 "Osprey."

On the surface, the bill authorizes construction four DDG-51 Arleigh Burke-Class destroyers, one LHD-1 amphibious assault ship, one LSD-41 dock landing ship, one AOE-6 fast combat support ship and 3 MHC mine hunters.

## Navy's own foreign legion legend. . . USS Midway

Washington (NES) . . . Everyone knows about the French Foreign Legion, a mysterious fighting force that has been romanticized in literature and on the screen. But there is another foreign legion, one without the romance or the mystique of its French counterpart. It serves not on land, but at sea. The foreign legion is the Navy's own, but hasn't

returned to the United States for more than 17 years. During that time, *USS Midway* (CV 41) has sailed the waters of the western Pacific from its home port of Yokosuka, Japan, to the Philippines, south to Australia and west across the Indian Ocean to Africa -- a fighting force always serving in foreign waters: a foreign legion.

## ARC has emergency kit

Emergencies strike without warning at home, in the car, at the office . . . anywhere. The Antelope Valley Chapter Red Cross Emergency Kit is designed by disaster experts for situations when people have to manage on their own. It features a unique battery free, solar-cell flashlight and solar-cell AM/FM radio.

The dynamo, solar-cell AM/FM radio runs without batteries and its rechargeable cell stores power for at least 9 months. It runs for 4-8 hours of continuous use, even in total darkness. Rechargeable in natural or incandescent light, it includes a

built-in, hand-winding generator. Like the radio, the solar flashlight has a built-in rechargeable circuit. This powerful and compact flashlight is useful both as a light-source and as a signal. The emergency kit weighs 14 pounds and comes in a 9" x 18" water-resistant bag. Additional supplies include a comprehensive 62-piece first aid kit, water, leather gloves, folding shovel, cyalume light sticks, rope, 17-function army knife and many more items.

The kit costs \$150. To order, or for additional information, contact the China Lake Office at NWC ext. 3208.

## New toll-free calls give veterans data on government insurance

There is a new toll-free telephone number for veterans seeking information about their government insurance from the Department of Veterans Affairs. By calling 1-800-669-8477, insurance holders and beneficiaries can obtain immediate service on address or policy changes, dividend information and general insurance information.

## Joggers, walkers and athletes invited to join OTHTC Thanksgiving Day race

Joggers, walkers and other athletes are invited to participate in the Over-The-Hill Track Club's Turkey Trot Race. Scheduled for Thanksgiving Day, Nov. 22, the race will be about three miles, starting from the Cerro Coso Community College parking lot. Registration begins at 9 a.m., with the race starting at 10 a.m. The entry fee is \$1.

Prizes will be awarded by a blind handicap drawing at the end of the race, so everyone has an equal chance of winning.

Get ready for the big Thanksgiving feast and have fun at the same time! For more information, call Mike Mumford at 375-5876.



## MMA sponsors High Desert Toy Run

Once again the Modified Motorcycle Association (MMA) will sponsor the High Desert Toy Run. This second annual bike race, with the theme of *Let Those Who Ride Decide*, begins in Inyokern and ends in Pearsonville Park in Pearsonville on Saturday, Nov. 17. Registration begins at 9 a.m. with the

Parade of Bikes leaving at 10 a.m. for Pearsonville.

The entry price is a new toy and one canned food item. Proceeds are all donated to the Ridgecrest's Women's Shelter. Run pins, food, games and music are all part of this event.

For more information, call Troy at 375-1515.

## Drag boating scheduled on Lake Ming

Today, tomorrow and Sunday, the National Jet Boat Association and the Kern County Boat Club will conduct drag boat races at Lake Ming near Bakersfield. The lake will be closed to public use

(including fishing) on these days and will reopen on Monday, Nov. 19. For further information on this event, call the Kern County Boat Club at (805) 872-3241.

## Winter hours in effect at golf course

Effective immediately, the China Lake Golf Course will start operating under its winter hours. During the shorter days, the course will be open from 6:30 a.m. to 5 p.m., seven days a week.



## ETANN Chips from Intel

The ETANN (Electrically Trainable Analog Neural Network) chip:

- 64 programmable processing elements or neurons
- 10,240 programmable analog weights (6-bit accuracy)
- development system underway to download network trained by CSS's BrainMaker
- up to two-billion interconnects per second in run-time mode
- Intel's ETANN chip was thought up & high-level designed at NWC by a team led by Dave Andes

We stock CSS's BrainMaker. call for ETANN price & avail.

only \$145 (list \$195). For all your Intel needs: CPUs, math coprocessors, Above Boards, Inboards, & modems, think of us. We're your Intel PC Enhancement dealer.

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## You Are Cordially Invited To Attend The... Sierra Craft Guild 1990 Christmas Show



Reception: Friday, November 16, 5 p.m. - 8 p.m.  
Fashion Show: Friday, November 16, 7 p.m.  
Friday, November 16, 10 a.m. - 8 p.m.  
Saturday, November 17, 10 a.m. - 7 p.m.  
Sunday, November 18, 10 a.m. - 4 p.m.

Jean Donovan - Pottery & Hand Knitted Clothing  
Nancy Hoyem - Water Colors & Wall Hangings  
Rosemary Ravsten - Fabric Art  
Julie Stayton - Fiber Craft  
Carol Wilcher - Linoleum Block Printing  
Christ Mattingly - Handwoven Clothing  
Jeanne Greene - Stained Glass

**DESERT COUNSELING CLINIC**  
Community Room  
814 N. Norma & Drummond

## Battle-to-Victory set for Nov. 24

Instead of the Barstow-to-Vegas motorcycle race on Thanksgiving weekend, the American Motorcyclist Association will hold a "Battle-to-Victory" in the Johnson Valley Off-Highway Vehicle Area. This 120-mile, hare-and-hound event with three loops will be staged from an area off of Camp Rock Road on Saturday morning, Nov. 24. For information on this event call (213) 438-6527.

## Nobody Beats Midas

### SAVE ON MIDAS EXPERT CAR

**BRAKES**  
**\$69<sup>00</sup>\***

PER AXLE MANY CARS AND LIGHT TRUCKS  
• New guaranteed brake shoes or pads (semi-metallic pads extra) • Resurface drums or rotors • Replace grease seals as needed • Repack wheel bearings, except sealed units • Inspect hydraulic system • Top off brake fluid as needed • Road test  
• See guarantee terms in shop  
FREE BRAKE INSPECTION  
MOST CARS AND LIGHT TRUCKS  
Offer good with coupon only through participating Midas dealers.  
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• Up to 5 quarts Castrol 20.50 • New oil filters • Lube chassis fittings • Most cars and light trucks.

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**ECONOMIZER® MUFFLER**  
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Expires 11-30-90

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• Inspect steering and suspension system • Set all adjustable angles of front wheels to manufacturer's recommended specifications (Chevettes too only) • For most cars and light trucks • Road test THRU-ANGLE AND 4-WHEEL ALIGNMENT AVAILABLE  
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**\$59<sup>00</sup>**  
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Expires 11-30-90

**GAS STRUT CARTRIDGES**  
**\$129<sup>00</sup>**  
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Lifetime Warranty  
Expires 11-30-90

## NOBODY BEATS MIDAS FREE TURKEY DRAWING, NOVEMBER 12-21

1 drawing per day - No purchase necessary

**midas**  
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**371-2592**

\*Additional parts, services and labor are often needed at substantial extra cost.

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Mon. - Sat. 10-6

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at the **WHITE STAR DINING COMPANY**

Thursday  
November 22  
Time: 12:00 Noon - 8:00 PM

Club Oasis  
Will Be Open  
for Dancing  
9 p.m. to 2 a.m.

**White Star Dining Co.**  
Fine Dining & Dancing With A View  
2600 S. China Lake, Ridgecrest, CA (619) 375-1080

Buffet featuring: • Roast Tom Turkey • Baked ham • Baron of Beef • Savory Stuffing • Mashed Potatoes • Giblet Gravy • Candied Yams • Cranberry Sauce • Pumpkin Pie • Mince Meat Pie • Fresh Vegetable Medley • Tossed Salad • Pasta Salad • Chicken Marsala • Snapper Pomodoro • Lyonnaise Potatoes.  
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