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THE ROCKETEER

THURSDAY, NOVEMBER 19, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 46

Unpingco leaves with first NAWCWPNS Commander's Award

John Unpingco left the Naval Air Weapons Station China Lake as the first recipient of the Naval Air Warfare Center Weapons Division Commander's Award. Unpingco, who headed the Office of Counsel at China Lake, was sworn in as a federal district judge for the Territory of Guam on Nov. 9. He ended nearly six years of service at China Lake to accept the judgeship. He was nominated by President George Bush and confirmed by the U.S. Senate.

Rear Admiral William E. Newman, NAWCWPNS Commander, made Unpingco the first recipient of the award for his years at China Lake.

"You have demonstrated outstanding managerial and leadership skills which have resulted in a revitalization of the Office of Counsel at the China Lake site," RAdm. Newman wrote in the citation. "Weapons Division management and employees have come to rely on access to expert legal advice to an unprecedented degree. Such a tool has been vital in good decision making and assuring the interests of the government are protected. Your commitment to pursuing new and innovative arrangements have put the Weapons Division at the forefront in the licensing of Navy patents and cooperative research and development agreements. In addition, your work and advice on numerous issues, particularly in the area of environmental concerns involving the local community, have been of the highest caliber."

At his farewell party, Unpingco was saluted by Capt. Douglas W. Cook, NAWCWPNS Vice Commander, Bill Porter, Deputy Commander for research and development, and several department heads.

In his farewell to friends and colleagues at China Lake, Unpingco said, "This has been one of the most memorable chapters in my life...Of all the accolades, the one that means the most to me is to be called a China Laker. I can think of nothing greater than to be a China Laker."



FIRST—John Unpingco receives congratulations from Capt. Douglas W. Cook on receiving the first NAWCWPNS Commander's Award.



Photo by Terry Pascarella

COLD SNAP—Trees at the Branch Medical Clinic sagged with icicles one morning last week after automatic sprinklers operated during the first freezing temperatures of the season. For highs and lows for the last two weeks, see Page 2.

Judy Eldredge has witnessed firsthand the need for more bone marrow donors

By Peggy Shoaf
Staff Writer

Having a 7-year old son with acute lymphatic leukemia, Judy Eldredge has witnessed firsthand the need for bone marrow donors. Every three weeks, she and her son, Keith, travel to Long Beach Memorial Hospital, associated with the Jonathan Jacques Cancer Society, where they see people of all ages, children and adults, fighting for their lives.

Judy noted most of the patients were of an ethnic minority, mainly Asians and Hispanics. "That is one of the reasons for the National Registry," she explained, "to increase the chances of finding a matched marrow donor with someone from the same racial and ethnic background."

Remembering back to last June, Judy told a

story about a little girl who had just received a bone marrow transplant. "During June they (the hospital patients) hold their annual Cancer Run to raise money to fight cancer," she explained. "The children run with the torch, passing it to the next child. This little girl, who had just had a transplant, insisted on participating. She did, with a mask to protect her from germs."

While Keith isn't in the need of a bone marrow transplant at this time, Judy knows that is always a possibility down the road. She hopes lots of people, at China Lake and throughout the nation, will participate in the Department of Defense drive, increasing her son's chances of finding a suitable donor.

Judy is only sorry she and her husband, ABHA1 Michael Eldredge, currently stationed onboard the ship USS *Petrelu* at Long Beach,

Please see KEITH, Page 5

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COMMUNITY EVENTS

Cerro Coso Community College is now offering a College Information System for the community. This new program will inform the community on all the news and happenings at the college. by calling 371-9601, learn all about the exciting happenings and activities coming up at the college via a recorded message.

Community Connection for Child Care parenting tape for the week of Nov. 17 to Nov. 23 is entitled "Discipline." Discipline as teaching for the future. This 3 to 4 minute tape can be heard from 5 p.m. to 10 a.m. by calling 375-0446.

During the month of November, the Cerro Coso Community College Fine Arts Gallery will be exhibiting ceramic sculptures by Kent Rothman. The show continues through Nov. 25. For this exhibit, Rothman is showing a group of wall oriented, sculptural pieces which are organic in nature.

On Friday and Saturday, Nov. 20 and 21, the WACO Circle of the United Methodist Women will sponsor a Christmas bazaar in the Social hall of the United Methodist Church, 639 N. Norma Street. From 8 a.m. until 2 p.m., visitors will be able to purchase a variety of crafts, gifts, decorations and homemade goodies, including cookies and candies. From 10 a.m. until noon, Santa

Claus and his wife will be on hand for pictures. Pictures with Santa will be made into button-pins for a nominal price.

At 7:30 p.m., on Saturday, Nov. 21, members of the Cerro Coso Community Services and the High Desert Music Teacher's Association will sponsor a concert devoted to the music of Russian composer Sergei Rachmaninoff to raise money for the College/Desert Community Orchestra. This event will feature two L.A. area musicians and performing artists, Gayle Blankenburg, pianist, and Roger Lebow, cellist. Concert tickets, which are \$5 for general admission and \$3 for students (with valid student body I.D. card) and seniors, are available at the Village Bookshelf, Richer's Music Store and the College Business Office.

Two 55 Alive/Mature Driving courses are scheduled for November. They will be held on Monday & Tuesday, Nov. 23 through 24, in the Kerr-McGee Center. There will be:

1. A daytime class from 10 a.m. until 3 p.m. each day; and
 2. An evening class from 6 a.m. to 10 p.m. each day.
- Each class is limited to 30 persons. The cost of the class is \$8 per person. Checks should be made payable to the AARP, Carl Schaniel, 612 E. Laura, Ridgecrest, CA 93555, or call 375-4998.

The 55 Alive course is eight hours of classroom instruction refining existing skills and developing safe, defensive driving techniques. The course was developed by the American Association for Retired Persons, is approved by the California Department of Motor Vehicles, and is presented by trained, certified volunteers.

California law, Assembly Bill 2610, provides that drivers over 55 who complete this course are eligible to

receive a discount on their automobile liability insurance. The amount of the discount varies with insurance company. On completing the course, each student receives a certificate which they can take to their insurance company to obtain the discount. The certificate is good for three years. After that, the course must be retaken to retain the discount. The course is open to persons 50 years and older but the eligibility for an insurance discount applies only to those 55 years or older.

On Saturday, Dec. 5, Cerro Coso Community College choir will conduct its winter concert at 7:30 p.m. in the Cerro Coso Lecture Hall. The Cerro Coso College choir conductor is Lois M. Ward. Accompanist is Dee Richards. Admission to the concert is \$4 for adults and \$3 for students.

"Tis the season"...and beginning Dec. 12 the walls and pedestals of the Sylvia Winslow Exhibition Gallery will be decked with two and three dimensional artwork created by museum members, displaying a variety of media and subject matter.

The Members' All Media Open Art Show' will continue through Jan. 6. A preview reception will be held Friday, Dec. 11 from 7 to 9 p.m. for members and participating artists. Champagne, punch and hors d' oeuvres will be served. A ten percent discount will be applied to any purchase of art during this event; however, all work must remain in the gallery until the final show date.

Admission to the museum is \$1 for adults and 50 cents for children. There is no fee to members. A percentage of all art sales will benefit museum programs.

It's time to register for the Spring 1993 college semester at Cerro Coso Community College. The

Please see next page

Reservists Allen and Booth receive commissions to chief warrant officer rank

By Peggy Shoaf
Staff Writer

Naval Air Warfare Center Naval Reserve Unit 0176 at China Lake lost two chiefs, but the Naval Reserves received two new chief warrant officers on Nov. 3, when CWO2 (Select) Sammie Allen and CWO2 (Select) Richard Booth were sworn in to their new ranks. The officers received their commissions under the Inactive Reserve Chief Warrant Officer Program.

In a Commissioning Ceremony, attended by fellow reserves, friends and family, Capt. J.G. Sullivan, USNR,

administered the Commissioning Oath to Allen, while Lt. Doug Plumhoff, USNR, swore in CWO2 Booth. Afterward, Allen's wife, Tina, and Booth's wife, Sue, received bouquets and recognition for the support they have given their husbands during their Navy careers.

Allen, head of the F/A-18 Flight Coordination Section of the F/A-18 Test & Instrumentation Branch at the China Lake site of the Naval Air Warfare Center Weapons Division, joined the Navy in 1976. After attending boot camp and Aviation Electrician's Mate "A" School, he was attached to VA-122 Naval Air Station Lemoore, Calif. In 1980 he was reassigned and attached to NAS Agana, Guam. He arrived at China Lake in 1983 and was attached to Air, Test & Evaluation Squadron Five (VX-5) until his discharge in 1987, when he joined the Naval Reserves.

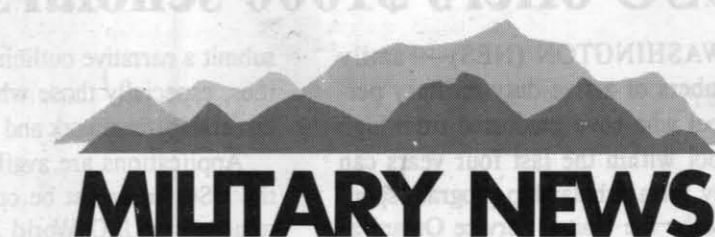
With his commission, Allen received orders to NAS

Lemoore Detachment at Point Mugu as an aviation maintenance technician.

Booth, a civilian engineering technician with the Environmental Engineering and Evaluation Branch of the NAWCWPNS Range Department at China Lake, entered the Navy in 1972. After attending boot camp and Airman Preparatory School, he was assigned to USS Hancock. In 1975, he was assigned to VX-5 at China Lake. He left active duty in 1979 and joined the Naval Reserves and was assigned to what was then known as the Naval Air Weapons Center Unit 0176. He transferred to Helicopter Wing Reserve Unit Five, Point Mugu, in 1986 and returned to NWC 0176 in 1988.

With his new rank, he received orders to CVN-68, Reserve Unit Point Mugu as an aviation ordnance technician.

Booth noted NAWC 0176 Unit is



MILITARY NEWS



CWO2 Rick Booth is pinned by his children Aaron and Celeste.

based at the airfield and supports the NAWCWPNS and VX-5 aircrews.

According to the NAWC 0176 Unit liaison officer, Capt. J.R. Bates, the Inactive Reserve Chief Warrant Officer Program gives the senior enlisted members an opportunity to progress to higher ranks as specialists in their fields.

After submitting their paperwork, applicants meet with a selection board. Booth noted his and Allen's paperwork was started in 1990 and submitted by September 1991. Both men passed their first selection board appearances, resulting in their current rank of chief warrant officers.



CWO2 Sammie Allen receives collar pins from his wife, Tina.

Veteran's Day speech renews call for strong defense

More than a dozen organizations gathered at the Veterans of Foreign War last Wednesday, Veteran's Day, to mark "a day of dedication and reflection for those who made the ultimate sacrifice for freedom."

Jack Gable, VFW Ship 4084's Captain, served as emcee, making opening remarks and introducing guests. The

Vietnam Veterans of America advanced the colors.

The barbershop Harmony Society sang the "Battle Hymn of the Republic" and "America the Beautiful." The Sweet Adelines rounded out the entertainment with "This Is My Country."

Wally Baker, National President of the Fleet Reserve Association, was the

guest speaker. He reminded the audience that Armistice Day, Nov. 11, 1918 marked the end of the World War I, "the war to end all wars." The day eventually became Veteran's Day to "venerate those who served in all wars," he said.

In fact, the first world war did not end all war and Baker listed for the crowd the conflicts the United States military personnel have fought and died in.

"As each of the hostile situations arose the American public called for a strong national defense and a capable, strong armed forces," he said. "But with the peace comes the call heard above everything else for the reduction of armed forces and materials and most

of all defense spending. Our boys and girls in khaki and blue become those 'damn military people who are costing us a fortune in taxes.'"

He said there is a growing sentiment that the armed forces are no longer needed, and asked, "What about communist China? Where are the former Soviet Union's nuclear weapons and who controls them? Do third world countries have nuclear weapons?"

He exhorted the gathering to "pledge to return America to her place in the sun and to do this we all must get out and be involved in the issues that can return the country to the rightful position. Remember the price of peace is eternal vigilance."

The benediction was performed by the American Legion's Dave Glover, and the Two-Bell Ceremony was conducted by the Fleet Reserve Association.

The NAWC Color Guard closed the ceremonies with the farewell gun salute and the playing of "Taps."



SPEAK SOFTLY, BUT—Guest speaker Wally Baker told Veteran's Day gathering it continues to be important for the United States to carry a big stick.

Photo by PHC Roger Hadley

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SEE PAGE 3

USO offers \$1000 scholarships

WASHINGTON (NES)—Family members of active-duty military personnel who have graduated from high school within the last four years can apply for a scholarship program sponsored by the United Service Organizations (USO) and made possible by an endowment from a corporate sponsor. Twenty-five \$1,000 scholarships will be awarded to college-bound students on the basis of their scholastic records, test scores and extracurricular activities. Applicants are required to

submit a narrative outlining their activities, especially those which highlight leadership, teamwork and dedication. Applications are available through the USO and must be completed and returned to USO World Headquarters by March 1, 1993. Recipients will be announced in May 1993. For an application and further details on the program, write to: USO World Headquarters, USO Scholarship Program, 601 Indiana Ave., N.W., Washington, D.C. 20004.

TROA increases interest-free loans

Alexandria, Va.—To further assist sons and daughters of the uniformed services in obtaining a college degree, The Retired Officers Association has increased its Educational Assistance Program to provide \$2,000 annual, no-interest loans. The loans, increased by \$500 over the last two years, are awarded for up to five years of undergraduate study to unmarried undergraduate students, under the age of 24, who are dependent children of active, reserve and retired service personnel and their widows(ers). This current school year, 700 students were awarded loans, totaling over one million dollars. From this group, based upon their academic records, participation in extracurricular and community activities, 142 students received special \$500 grants in addition to the loans. All those who were awarded loans were automatically considered for the grants. The TROA Educational Assistance

Program, established in 1948 for the sons and daughters of retired officers and their widows, has expanded to include the children of active duty, reserve, National Guard and retired officers, warrant officers and non-commissioned officers of the Army, Navy, Air Force, Marine Corps, Coast Guard, U.S. Public Health Service and National Oceanic and Atmospheric Administration. Since this program started, over 3,600 students have received interest-free loans, totaling more than \$9 million. Educational Assistance applications for the 1993-94 school year will be available soon. Applications should be requested by Feb. 15, and the completed application must be postmarked on or before March 1. For applications and more information, write to TROA Educational Assistance Program Administrator (09D), 201 N. Washington St., Alexandria, Va. 22314-2539.

CHAMPUS questions

Mick Edge, the China Lake Health Benefits Advisor, 939-8019, can answer your questions, provide forms and guide you to the most efficient use of CHAMPUS and all of your military health benefits. Talk to Edge before getting care under CHAMPUS. Learn the local rules and requirements ahead of time and save possible headaches later.

Buy now, take it home and pay the NEX later

Home Layaway is now available at the Naval Air Station China Lake Navy Exchange. This program allows customers to take home major purchases today and pay for them over six months. Home Layaway provides customers with the opportunity to select merchandise costing \$200 or more per item or set of items. They can then purchase this merchandise with a minimum down payment of 10 percent, pay a one time service fee of three percent on remaining balance and spread payments of the remaining balance over six months (180 days).

Special introductory offer

As a special introductory offer, Home Layaway service is free during the holiday period. From now until Jan. 2, the

Navy Exchange is waiving the three percent service fee.

Dollar limitations by pay grade range from \$300 for E-1 to \$2000 for those above E-6. Limitations are as follows: E-1, \$300; E-2, \$500; E-3, \$750; E-4 and E-5, \$1000; E-6, \$1500; and above E-6, \$2000

Home Layaway is available to all military sponsors. Spouses may initiate a home layaway account only with a power of attorney from their sponsor.

Home Layaway has been established in time for the coming holiday season.

"This time payment plan should make holiday shopping easier for everyone," said the NEX's officer in charge, Lt. James Anderson.

Chapel Call

By LCdr. T.F. Mele, CHC, USN
Command Chaplain



Chaplain Corps celebrates 217 years of service Nov. 28

November 28 marks the 217th anniversary of the United States Navy Chaplain Corps. Navy Chaplains have been a part of the history and tradition of the Navy since the American Revolution. Officially, the Chaplain Corps was instituted on Nov. 28, 1775. Navy regulations, Article 0727, commits command to providing "worship services" for Navy personnel. In the exercise of its responsibilities, the Chaplain Corps is to provide for the free exercise of religion for all members of the sea services, their dependents and other authorized persons by providing ministries appropriate to their rights and needs and by providing the staff support to this end throughout the Department of the Navy. While Chaplains provide ministry as

defined by the particular religious body they represent, as Navy Chaplains, the scope of ministry includes supporting all persons, regardless of race, faith, creed, national origin or social status, in the free exercise of their religious faith. The challenge is to bring unity out of diversity and to develop a Command Religious Program that will—through lay volunteers, chaplains and civilian clergy—provide for religious worship, ritual acts and religious education and training. Throughout their history, Chaplains have served and continue to serve wherever members of the sea services are found. Whether in war or in peace, with the Navy, Marine Corps or Coast Guard, you will find the Navy Chaplain serving those who serve our country. Happy Birthday Chaplains!

Youth soccer players continue to improve

In last week's Naval Air Weapons Station China Lake Youth Soccer League competition, players continued to show improvement, resulting in some close scores.

The Owls shut out the Express 2-0 in Division I play. Spencer Witt knocked in both goals, while moves Katie Bloudek and Scott Johnson blanked the Express, despite good plays by Riley Bare, Rory Upright and Ed Kim.

In other Division I action, the Wolves devoured the Tigers 6-0 and the Cobras and Flames tied 0-0. Efforts by Ryan Barney, Luke VarnHogen and Naomi McManigal fell short for the Tigers. The Wolves did not turn in a score sheet. The Cobras saw hard play by Jenna Grace and Jeffrey Parker.

The Strikers triumphed over the Sockers 2-1 in Division III play. A goal by Travis McGill and effective moves by Sandy

Grace, Scott Saxton and Ben Marvin weren't enough for the Sockers. The Strikers did not turn in a score sheet.

In other Division III action, neither the Drillers nor Aztecs could get the advantage on their opposition, ending the game in a 1-1 tie. Good defensive moves by Tiffany Foisy and a goal by David Purcell made the Drillers a hard team to beat, while the Aztecs had effective plays by Kyle Owen, Jennifer Bowman and Julie Bloudek. Matt Bloudek scored the only goal for the Aztecs.

Four goals by Chris Maki and one by Chris Brown gave the Red Devils a commanding lead over the Blue Devils in Division IV action. Goalie Todd Schwichtenberg kept the Blue Devils' goals to just one, ending the game 5-1. Jason Hickle scored the only goal in the loss.



YOUTH soccer players at the Naval Air Weapons Station China Lake continue play.

Holiday Classic Racquetball Tournney set

Entries are being accepted for the double-elimination Holiday Classic Racquetball Tournament set for Dec. 3-6 at the Naval Air Weapons Station China Lake Gymnasium. The Morale, Welfare and Recreation Department-sponsored tournament will start at 6 p.m. on Thursday, Dec. 3. Additional match times will be posted on the NAWS Gym lobby wall. Check-in time will be 15 minutes prior to start. The 10-minute default rule will be strictly enforced.

Entries must be submitted by Friday, Nov. 27, at the NAWS China Lake Gymnasium. All entrants must be 18 years of age or older. Events include Men's Advanced, Men's Intermediate,

Women's Open and Double's Open. Participants are limited to participating to two events.

Cost is \$11 for first event and \$6 for the second for military personnel; \$13 and \$8 for DoD personnel, and \$15 and \$10 for private citizens.

Trophies will be awarded to the first through third place winners in all categories and a specially designed t-shirt will be awarded to all entrants. On Saturday, Dec. 5, a "tournament" BBQ will be held, starting at noon.

AARA rules will apply. The tournament director, Randy Landis, will make final decisions on disputes, no protests will be allowed. Eye protection is mandatory.

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Sunday School, 1008-10 Blandy & 1903-05 Mitscher	9:00 a.m.	Confessions, Sundays	8:15 - 8:45 a.m.
Bible Study (East Wing), Wednesday (September thru June)	11:30 a.m.	Confessions, Weekdays	By appointment
Men's Prayer Breakfast, East Wing, Thursday	6:30 a.m.	Religious Education Classes, Sunday (September thru May)	
Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday	7:00 p.m.	1902 Dobb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher	10:15 a.m.
Jewish (446-4152 Messages)		Adult Education Classes, Thursdays (September - May)	
Weekly Services, Friday, East Wing	7:30 p.m.	St. Ann's School Library	7:00 - 8:00 p.m.
October through June		RCIA, St. Ann's School Library	8:15 - 9:45 p.m.
Hebrew Classes, Saturday, 1902 Dobb	2-5 p.m.	Islamic	
Adult Education, Saturday, 1902 Dobb	10 a.m. - noon	Jumaa Prayer, Friday (1002 Blandy)	12 noon
September through June			
Religious School, Sunday, 1902 Dobb	9:30 a.m.-12:30 p.m.		

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SPORTS

Halfway through season, 'P.E. Bombers' undefeated

By Carl J. Norlund
Sports Correspondent

At the half-way point in the Naval Air Weapons Station China Lake adult flag football season, the "P.E. Bombers" has emerged as the team to beat.

In this week's feature game, the Bombers extended their unbeaten record to a perfect 4-0 by defeating "The Vamps" 36-20 in a hard fought contest.

The P.E. Bombers drew first blood against The Vamps in the first quarter on a touchdown run by quarterback Daryl Brown. In the second quarter, Brown hit John Willhite with a scoring toss. Moments later, Mike Watkins intercepted a pass from The Vamps and returned it all the way for a touchdown. A scoring

toss from Brown to Watkins for the conversion made the score 20-0 at the half.

In the second half, The Vamps cut the lead 20-6 on a long touchdown pass from Pete Purchell to Darryl Alexander. The Bombers scored on another Brown touchdown run and a Brown to Vernon Nabors conversion pass.

The Vamps again cut the lead 28-14 on a 78-yard touchdown bomb from Purchell to James Williams and a Purchell conversion run. But the Vamps couldn't get any closer.

A Brown to Johnny Stewart touchdown pass and Brown to Watkins conversion toss by the Bombers, and a Purchell touchdown run by The Vamps closed out the scoring at 36-20.

In other action, "The Mad Dogs" whipped "The Nads" 34-20 and "Fine



Photo by Karen Rivers, gym manager

GETTING ready for the snap are members of the NAWWS China Lake Adult Football League. Ten teams compete every Monday and Wednesday at Schoeffel Field.

"Line" shut out "ASF" 14-0. Last Friday, "The Nads" edged "SAAK" 12-8 and the "Dirty Dawgs" beat "The Mad Dogs" 24-12. Other Friday action saw the "Desert

"Chickens" beat "Night Attack" 26-12. Play continues with more games this week at Schoeffel Field on Monday and Wednesday evenings.

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KEITH from Page 1

can't donate their bone marrow. "We have to stay healthy in case Keith needs a transplant and we are compatible," she said. "However, after Keith is cured, we will definitely donate." Unfortunately, while the odds are good, there is no guarantee that Judy's and Michael's bone marrow will be compatible with Keith's.

Keith was diagnosed with the disease last January.

After a brief hospital stay to get the disease under control, Keith and his mother have been traveling to Long Beach every three weeks for chemotherapy and every three months for spinal taps. "They do the spinal taps to make sure the cancer isn't spreading," Judy explained.

Currently, Keith is responding to chemotherapy and his daily medication, Judy said. "He's doing really well," she said. "He takes the needles better than most people can and accepts it all as part of life."

If everything keeps going smoothly, Judy said, Keith should finish his treatment in three years, avoiding a bone marrow transplant. "That's if everything keeps going smoothly," she reiterated.

But for now, everything is going smoothly and the Eldredge's take each day one at a time. "They (the hospital staff) call him their miracle child," Judy said with a far away look in her eyes. "That's because he has responded so beautifully to the medicine and hasn't had any setbacks, yet."

Due to the chemotherapy, Keith lost all of his brown

hair. When it grew back, the hair was blond and much more wavy than his original hair, Judy said.

In remission, Keith goes to school and is a normal, mischievous 7-year-old. Just this past summer he collected \$150 in a hit-a-thon for the Indian Wells Valley Youth Baseball Association. "That was the most anyone in his team raised," Judy said proudly.

While the family has accepted the chemotherapy part of his life, Judy noted it is the day-to-day care that is hard. "We have to watch out for anything out of the ordinary," she said. For example, if any of his classmates have strep throat, Keith is kept home for a minimum of five days to make sure he doesn't catch it. Having the sniffles is something to worry about. The slightest fever could be devastating.

So, she hopes the Bone Marrow Drive set for Dec. 8 at the Branch Medical Clinic will be a success — not only for Keith's sake, but for the sake of all the patients suffering from life-threatening blood diseases. "What's a little pain compared to saving a life?" she asks.



Keith Eldredge

Bone marrow donor drive set for December 8

On Dec. 8, the Naval Air Weapons Station China Lake, under the sponsorship of the Naval Air Warfare Center Weapons Division and the Bill Young Marrow Donor Center, based in Bethesda, Md., will participate in a Department of Defense Bone Marrow Donor Drive.

The drive will be held at the NAWWS Branch Medical Clinic from 8 a.m. to 3 p.m. on Dec. 8. Four small tubes of blood will be drawn from each participant. It will then be sent to the Naval Medical Research Institute in Bethesda, where it will be typed and entered into the National Registry.

To participate, appointments may be made by calling the Wellness Program Office at 939-2468.

If a potential donor is located, then the donor will be asked to undergo more extensive bloods tests to confirm compatibility.

All eligible personnel (active duty military and their dependents and civil service employees between the ages of 18 and 55) are encouraged to participate, and possibly give someone the gift of life. At the present time, only 30 percent of patients who need bone marrow transplants find suitable donors. This drive may increase the only chance these patients have.

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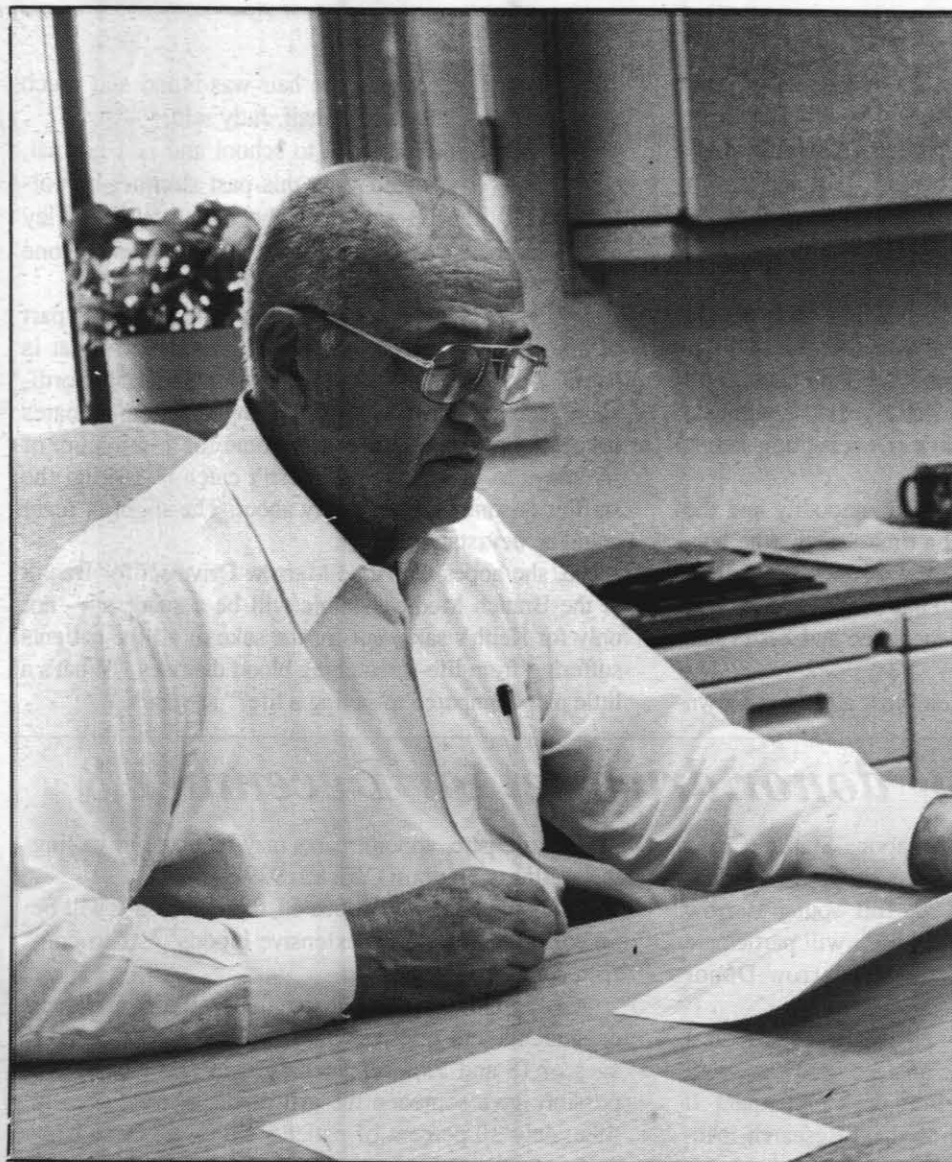
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Bill Bonner

Bill Bonner retires after more than 31 years of federal service

By Peggy Shoaf
Staff Writer

After more than 31 years of federal service, Bill Bonner, associate Public Works Officer at the Naval Air Weapons Station China Lake, is retiring. Family, friends and co-workers will gather tonight to say goodbye and to recognize his 18 years of service at China Lake tonight at a "farewell" party at the Seafarer Club.

Prior to coming to China Lake in 1974, Bonner worked in a variety of places as a civil servant, including overseas in the Far East and in what is now known as the third site of the Naval Air Warfare Center Weapons Division, White Sands, New Mexico.

While working as a civilian at Wright-Patterson Air Force Base, Bonner had plenty of opportunities to visit China Lake, and he got to know the area and some of the people. He felt it would be a good place to raise his family and he liked the "progressive attitudes portrayed by the workforce and command," Bonner said.

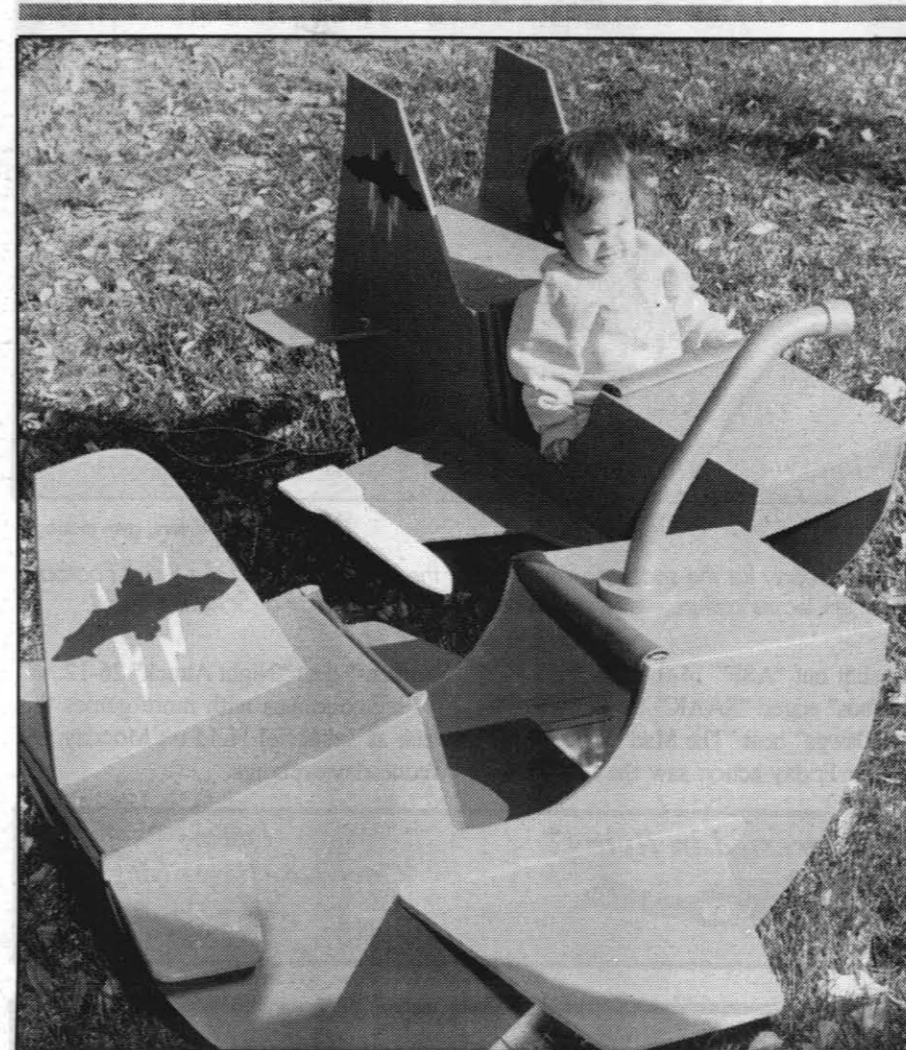
So, when he elected to move west, he picked China Lake. "It was really

between Edwards and here," Bonner explained. "But I felt China Lake had the ideal work environment, so I chose it."

He began his China Lake career as a civil engineer, organizing what was known as the Civil Engineering Branch and became the branch head. In 1984, he became the deputy Public Works officer. "This position used to be a military billet," Bonner said. "That changed in an effort to reflect the civilian/military work team." (While the deputy Public Works officer is a civilian, the Public Works officer is a military member, Capt. Randy Williams.)

Bonner feels the reorganization will be a positive change and feels China Lake will prosper. "China Lake has emerged as one of the premier labs," he said. "It really has. And that (remark) is not just me trying to toot the party line. This (China Lake) is a key field activity within the federal government."

While retiring from federal service, Bonner said he has no plans to stop working. He will stay active by working with one of the contractors in the area. "I haven't found a rocking chair that fits me yet," he said laughingly.



ROCKING airplanes will be up for bid at the VX-5 Officers Wives Club Creative Auction, Nov. 20. Sarah Berry, while a little apprehensive, enjoyed her ride.

Creative Auction set Nov. 20

On Nov. 20, the VX-5 Officers Wives Club will hold its Creative Auction at the Seafarer Club onboard the Naval Air Weapons Station China Lake. Guests will be able to bid on such items as a birthday party for 10 children, a gig from "The Burners," wooden rocking airplanes (an A-6 and F-18), pine children's benches and a prime rib dinner for 10 (served in the home), to name a few.

A preview of the auction items will begin at 6 p.m., followed by the auction at 7. Admission is \$2 per person.

All proceeds will be used to benefit the NAWS Child Care Center, Dispensary and Library, plus the Navy Marine Corps Relief Society and the Association of Retarded Citizens.

During the event Christmas ornaments and crafts, as well as baked goods, will be on sale.

Outdoor Christmas lights needed

John Pirokska, manager of the Naval Air Weapons Station China Lake Auto Hobby Shop, is looking for strands of outdoor lights he can borrow to decorate the Auto Hobby Shop for the upcoming Christmas season.

People wanting their lights back should tape their name and phone number to the strand, Pirokska said, and he

will see to their return after the holidays.

Lights can be dropped off at the Auto Hobby Shop 11 a.m. to 8 p.m. Tuesday through Friday (including flex Fridays) and on Saturday and Sunday from 9 a.m. to 6 p.m. Pirokska can be reached at 939-2346 for more information.

Youth Center sponsors teen dance

On Saturday, Nov. 28, the Morale, Welfare and Recreation Department Youth Center at the Naval Air Weapons Station China Lake will once again host

a teen dance at the Seafarer Club. Advance tickets, available at the Youth Center, can be purchased for \$2 each. Tickets at the door will cost \$3 each.

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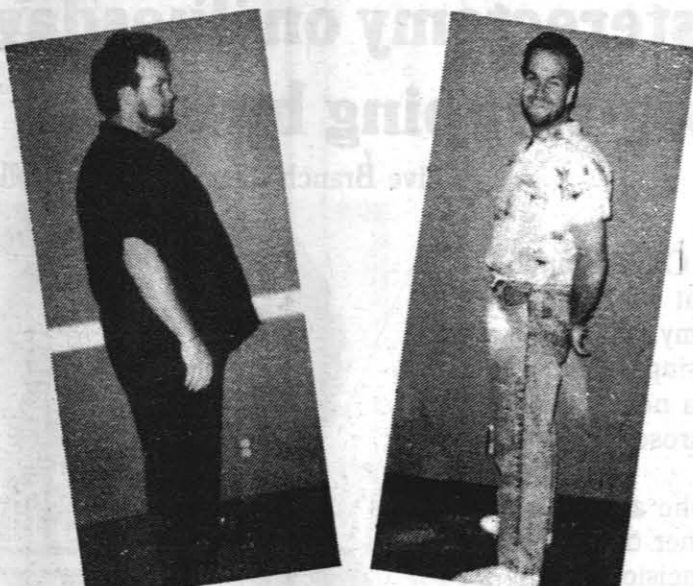


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Ideas Column

By Melanie Truesdale
IDEAS Office

New phase of IDEAS started

The education process for the new phase of IDEAS has started. We've been talking with the point of contact in each department, explaining the new aspects of the process, smoothing out the rough spots, developing educational information for submitters, evaluators and Process Owning departments.

We've learned a lot based on what was done the past year. For instance, some evaluators believed the important thing to look at and evaluate was really the proposed solution. Not!

The important part of an Idea is the problem. Unless the person submitting the Idea is an expert in that area, chances are good that the solution is a "pic-in-the-sky" fix. What's really being said is "I have a problem. This solution is how I'd fix it, but I don't know all the rules, regulations and how my suggested change would effect other people. That doesn't change the fact that I have a problem."

What is needed, is for evaluators to look at the solution to see if it would solve the problem, but if it won't, don't discount the problem.

This time around, the evaluator will be required to contact the originator of an Idea. It's up to the originator to make

sure his problem is being evaluated, not just his solution. We think this communication link will help a lot more Ideas be adopted. When you are an evaluator, ask yourself this question, "If this were my Idea and this was the answer I received, would I accept it?" Today you might be the evaluator, tomorrow the submitter.

We also learned some departments didn't know how far to take an Idea. For example, if an Idea was being evaluated and the department thought it should be implemented, it was sent back to the IDEAS Office with a recommendation for implementation and that was it. The Processing Owning Department is responsible for taking any Idea they support, just as far as it needs to go to get it adopted. That means going through your chain-of-command, getting approval all the way. That's how we get changes made. That's how we see cost savings. Let's keep the positive approach and see if there's a way to adopt an Idea and make life at NAWC more pleasant.

If you have questions call Bruce MacIntosh or Melanie Truesdale in the IDEAS office at 939-2311, E-Mail at SCF::IDEAS or QuickMail addressed to IDEAS Code_06.

RETIREMENT from Page 17

Alternative Annuity Elections. If a retiring employee is eligible for and elects the alternative annuity upon retirement, he or she will receive a lump-sum payment equal to his or her total contributions to the retirement fund, including any military service deposits. The military deposit cannot be deemed paid at retirement when the employee elects the alternative annuity. The amount of the deposit must be paid to the employing agency prior to the employee's separation.

Service Not Creditable. A completed deposit is automatically refunded by OPM if the service covered by the deposit is not creditable for retirement purposes (for example, the employee was dishonorably discharged).

Incomplete Deposits. OPM automatically refunds an incomplete deposit for a period of military service to a separated employee when it adjudicates his or her application for retirement benefits, unless the incomplete deposit will pay for one or more full periods of military service. If the employee has more than one period of military service and the incom-

plete deposit will cover all of the deposit for at least one of the periods, OPM will refund only the part of the deposit in excess of the amount needed to cover one or more full periods of military service.

When Military Service Deposit May Be Repaid. If a CSRS employee separates from federal service and receives a refund of his or her military service deposit and is reemployed under CSRS, he or she may repay the military service deposit. Interest begins to accrue on the unpaid balance the date the refund was paid.

Unlike CSRS employees, if a FERS employee separates from federal service and receives a refund of contributions and deposits or redepots made to the retirement fund, he or she does not have a right to pay back the post-1956 military service credit deposit.

Contact your PMA team
You should determine now if you want to make the military service deposit or waive military retirement pay. Your PMA team can provide you with the necessary information to help you make an informed decision. Contact your PMA team now—don't delay.

A Proclamation by the President of the United States of America Year of the American Indian, 1992

Half a millennium ago, when European explorers amazed their compatriots with stories of a New World, what they actually described was a land that had long been home to America's native peoples.

In the Northeast part of this country and along the Northwest coast, generations of tribes fished and hunted; others farmed the rich soils of the Southeast and Great Plains, while nomadic tribes roamed and foraged across the Great Basin. In the arid Southwest, native peoples irrigated the desert, cultivating what land they could. Each tribe formed a thriving community with its own customs, traditions and system of social order.

The contributions that Native Americans have made to our Nation's history and culture are as numerous and varied as the tribes themselves. Over the years, they have added to their ancient wealth of art and folklore a rich legacy of service and achievement.

Today, we gratefully recall Native Americans who helped the early European settlers to survive in a strange new land; we salute the Navajo Code Talkers of World War II and all those Native Americans who have

distinguished themselves in service to our country; and we remember those men and women of Indian descent—such as the great athlete, Jim Thorpe and our 31st Vice President, Charles Curtis—who have instilled pride in others by reaching the heights of their respective fields.

We also celebrate, with special admiration and gratitude, another enduring legacy of Native Americans: their close attachment to the land and their exemplary stewardship of its natural resources. In virtually every realm of our national life, the contributions of America's original inhabitants and their descendants continue.

During 1992, we will honor this country's native peoples as vital participants in the history of the United States. This year gives us the opportunity to recognize Indian tribes to exist as sovereign entities and to seek greater mutual understanding and trust. Therefore, we gratefully salute all American Indians, expressing our support for tribal self-determination and assisting with efforts to celebrate and preserve each tribe's unique cultural heritage.

The Congress, by Public Law 102-188, has designated 1992 as the "Year of the American Indian" and has authorized and requested the President to issue a proclamation in observance of this year.

Now, therefore, I, George Bush, President of the United States of America, do hereby proclaim 1992 as the Year of the American Indian. I encourage federal, state and local government officials, interested groups and organizations, and the people of the United States to observe this year with appropriate programs, ceremonies and activities.

In witness whereof, I have hereunto set my hand this second day of March, in the year of our Lord nineteen hundred and ninety-two, and of the Independence of the United States of America the two hundred and sixteenth.

George Bush

(Editor's Note: November is the Month of the American Indian.)

China Lake Naval Weapons Computer Expo takes place December 2

On Wednesday, Dec. 2, the "China Lake Naval Weapons Computer Expo" will take place at the Seafarer Club from 10 a.m. to 2 p.m.

This one-day showing of advanced office automation is co-sponsored by the National Small Business Council,

Laguna Hills, Ca., and the Aircraft Weapons Integration Department Systems Support Branch at the China Lake site of the Naval Air Warfare Center.

More than 25 different exhibitors will be on hand, displaying the latest technologies in projection systems,

desktop publishing, software/hardware security, networking, barcoding, communications and much more.

This exhibit is open to all NAWCWPNS and Naval Air Weapons Station China Lake personnel. Refreshments will be served.



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Salt Wells area gets new wastewater storage system

By Janice Kaspersen
Technical Information Department

Teamwork and some old-fashioned ingenuity by Ordnance Systems Department employees have turned what could have been a costly shutdown of operations into an environmental success story. Installation of storage tanks for industrial wastewater and a renovated drainage system that was designed and built in-house are helping the department meet environmental and safety regulations until long-term solutions can be implemented. In working toward solutions, Naval Air Weapons Station China Lake has drawn upon expertise from the Environmental Project Office, the Safety Program Office, Legal Counsel, the Research Department and the Public Works Department.

An internal audit by the China Lake Environmental Project Office in May 1991 revealed that the inner liners of seven of the Ordnance Systems Department's 21 industrial-wastewater ponds were leaking. The ponds received industrial wastewater from buildings throughout the Salt Wells area in which materials for propellants and explosives are mixed and analyzed. Because leaks from the ponds posed a potential threat to groundwater if they remained in use, the seven leaking ponds were closed immediately and six others have since been shut down.

diately and six others have since been shut down.

To avoid suspending work in the buildings affected, the department purchased and assembled above-ground storage tanks to collect the wastewater, some of which contains trace amounts of the explosives RDX, HMX and TNT, as well as solvents such as methylene chloride and acetone. The drainage lines that led from the buildings to the ponds were diverted; wastewater now travels from a building to a settling sump and, after most of the explosives and solids settle, is pumped into an adjacent tank.

The settling sumps are necessary so that wastewater containing explosives is not routed through the pumps. Although the sumps cannot remove solvents, the wastewater in the tanks contains only dilute concentrations—typically a few parts per million—of hazardous materials. Sludge from the bottoms of the sumps has been analyzed by the Research Department and the amount of explosive material the sludge contains ranges from a few parts per million to 60 percent.

Because each tank holds 1,600 to 1,900 gallons and the ponds they replace held up to 50,000 gallons each, nearly every building that generates waste now requires its own tank. Waste from the

tanks is collected by an Environmental Project Office contractor every 90 days for off-Station disposal.

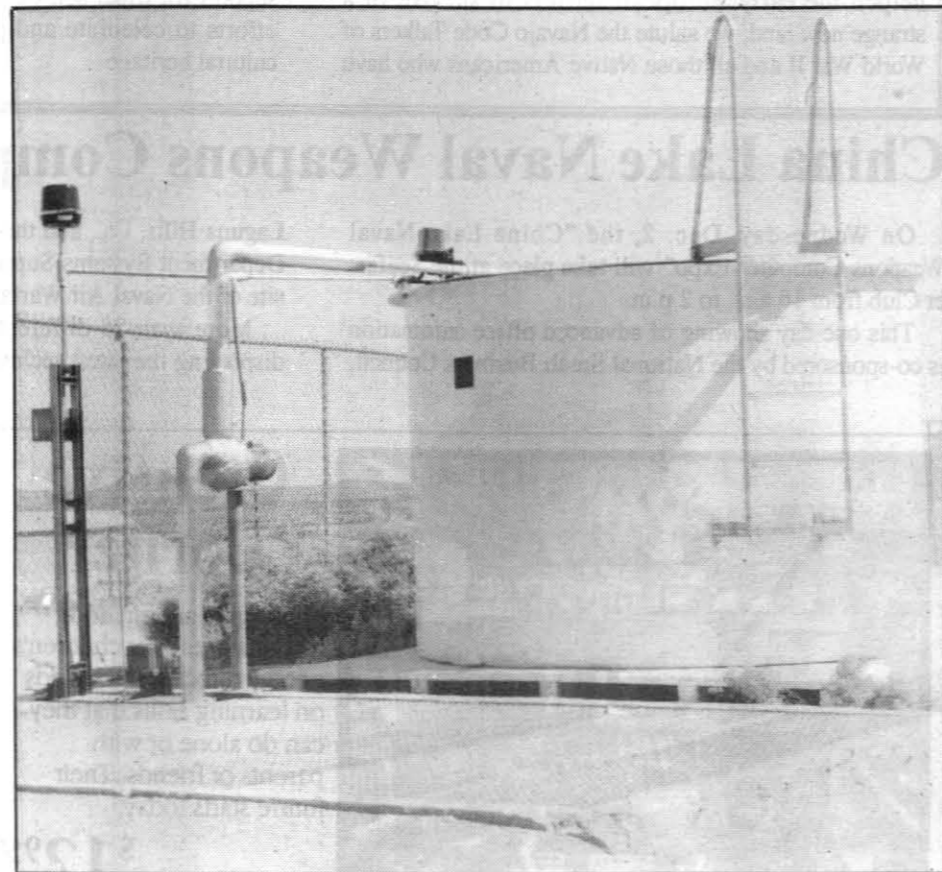
The tanks were installed in two stages. Last summer, to solve the immediate problem of what to do with the wastewater after the ponds were closed, six single tanks were placed several inches off the ground on wooden pallets. The pallets allowed workers to see immediately if a leak occurred, before a significant amount of liquid soaked into the ground.

This quick-fix measure allowed work to continue in the Salt Wells area. Roxanne Quintana of the department's Environmental Protection Office says one of the most critical sites for a tank was the Energetic Materials Characterization Laboratory, where quality control is performed for almost all chemicals used in

the department. Ingredients of every propellant and explosive the department uses pass through this laboratory.

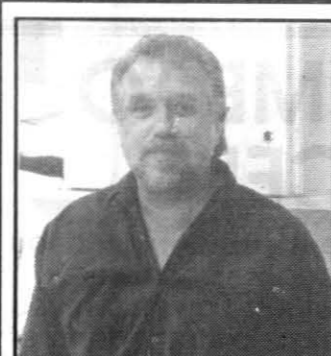
This summer five more tanks were installed and secondary containment was added to the existing tanks for greater protection against leaking. Another improvement was the addition of level-actuated devices to the settling sumps and tanks to guard against overflowing. On each sump, a level-actuated pump transfers the wastewater into the adjoining tank when the wastewater reaches a maximum level. In each tank, a float switch activates an alarm and a strobe light when the wastewater in the tank reaches a certain level. Ladders are also mounted outside the tanks so workers can visually inspect the wastewater level.

Please see next page



TID photos

INDUSTRIAL wastewater containment tank at the Ordnance Systems Department Salt Wells facility.



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Retirement: Military Service and Catch 62

By John Powers
Code C62

This is the last of a series of articles dealing with civil service retirements. Today I will cover the Catch 62 provisions which I believe are very important for anyone who served in the military after Dec. 31, 1956.

The Catch 62 law affects employees differently, depending on dates of federal service and which retirement system they are under.

Public Law 97-253, the Omnibus Budget Reconciliation Act of 1982, established the requirement for deposits for certain military service, and also required an increase in interest rates charged on deposits. The effective date of the changes is Oct. 1, 1982.

Military service performed prior to January 1, 1957, is automatically credited for civil service retirement. Military service performed on or after Jan. 1, 1957, is covered by Social Security, but may also be credited toward a civil service annuity under certain conditions.

If first employed before Oct. 1, 1982

If you were first employed by the Federal Government before Oct. 1, 1982, you have two options: (1) you can make the seven percent deposit for any post-1956 military service to avoid a reduction in your annuity at age 62 (and a reduction in any survivor annuity payable to your spouse after your death), or (2) you can decide not to pay the deposit and have your annuity reduced at age 62 if you are then eligible for Social Security benefits. If you are eligible for Social Security, your annuity will be recomputed to eliminate all credit for the post-1956 military service if the military deposit is not made. Any sur-

vivor annuity payable to your spouse after your death would also be recomputed to eliminate all credit for post-1956 military service when he/she becomes eligible for Social Security (usually at age 60). You can make the seven percent deposit at any time before retirement, but you may have to pay interest (the amount of interest increases annually).

If first employed on or after Oct. 1, 1982

Employees first employed by the federal government under either retirement system on or after Oct. 1, 1982, will be allowed credit for post-1956 military service only if a deposit is made, regardless of Social Security entitlement. Employees under the FERS Retirement System are required to make a three percent deposit (instead of a seven percent deposit required under the CSRS Retirement System), plus applicable interest.

Waiver of military retirement pay

If you are an employee receiving military retirement pay which bars credit for military service, you may elect to waive the retirement pay and have the military service added to your civilian service in computing the annuity. If you do not waive your military retirement pay, your retirement rights (and those of your surviving spouse, if any) will be based on your civilian service only, and military service will not be included in computing the annuity. You may then receive both your military retirement pay and your civil service annuity at the same time.

Reinstatement of waived military retirement pay

An annuitant may revoke a waiver of military retirement pay only if he or she would have been entitled to the annuity benefits at the time of retirement based on civilian service alone (e.g. at age 60 with 20 years of civilian service) or if the retiree's civil service annuity

terminates. A military retiree who waives military retirement pay to establish entitlement to a civil service annuity may not revoke the waiver at age 62 when he or she would have become eligible for the annuity based on "age 62 with 5 years of service."

Refund of the military service deposit

Refund Before Retirement. Any money paid as a military deposit is refunded to a separated employee who applies for (and is entitled to) a refund of all retirement deductions.

Completed Deposits. Except as provided below, a completed deposit may not be returned to an employee who is entitled to annuity benefits at the time of application.

Military Retirees. Employees who receive military retirement pay and choose not to waive it will receive a refund of all money paid toward a military deposit at retirement. A retiring employee who receives a refund of his or her deposit because of a decision not to waive military retirement pay may not redeposit that money at a later date, unless he or she is a CSRS employee and is reemployed and acquires a new annuity right. Reemployed FERS employees are not permitted to make a redeposit.

Alternative Annuity Elections. If a retiring employee is eligible for and elects the alternative annuity upon retirement, he or she will receive a lump-sum payment equal to his or her total contributions to the retirement fund, including any military service deposits. The military deposit cannot be deemed paid at retirement when the employee elects the alternative annuity. The amount of the deposit must be paid to the employing agency prior to the employee's separation.

Please see RETIREMENT, Page 18

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DECquery, Mac QB-GGCAA-SA 199

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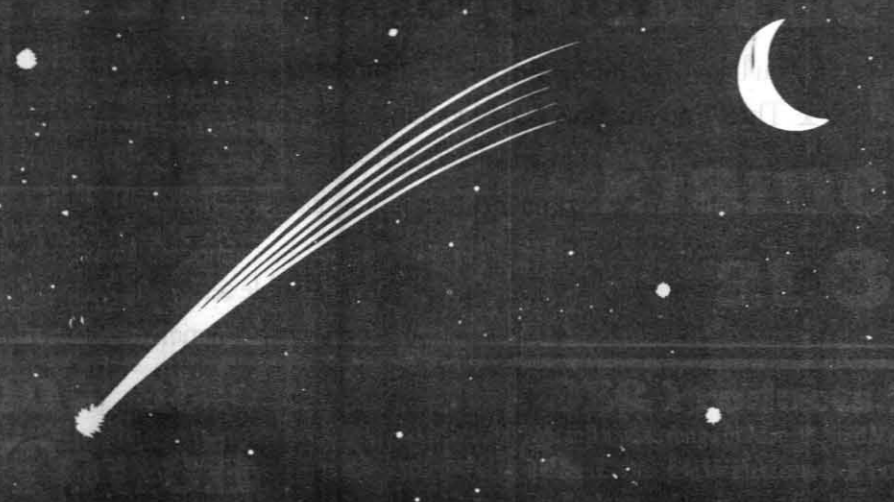
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927-1552



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Making American Dreams A Reality
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Supply News

By Anita Becker
Code C821

Telmar, the Naval Air Weapons Station China Lake Supply Department warehouse, is stocking up on supplies. Each month, the Supply Operations Division will print in *The Rocketeer* a list of some of the items carried by Telmar. Items may be ordered by calling the Telmar staff at 939-2241. In addition to your name, shop accounting code, job order number and location, give the name, size color, stock number and amount of each item you wish to purchase. The items will be delivered to you in a timely fashion. If you don't see an item you want, call Technical at 939-2178 to see if we carry it, and if we don't, they will be able to aid you in requesting an item to be stocked. All items from stock may be

Thrift Savings Plan Open Season starts, will continue until January 31, 1993

The TSP Open Season started Nov. 15 and will continue until Jan. 31. During the open season, employees have the opportunity to change their current enrollment, or make an initial application to start participating in TSP.

TSP is the third part of a FERS employee's retirement plan. Personal contributions to TSP by FERS employees are a very important part of their future financial security. FERS employees receive an automatic government contribution of one percent of their basic pay to the TSP. In addition, the government will match any contribution that FERS employees make to TSP up to four percent of basic pay. FERS employees may contribute as little as

ordered via SPEDI, using stock numbers.

To aid China Lakers in their work, the following items are now carried in the supply warehouses. Each item is listed by name, stock number and price per unit.

Portfolio-Dbl Pocket-Gray — 25 per box, #005842491, \$5.52 per box

Portfolio-Dbl Pocket-Dk. Blue — 25 per box, #005842489, \$5.52 per box

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File Boxes, Fiberboard, with follower plate (10" capacity, size 5x8) — #002866959, \$4.24 each

Paper Cutter, Drop Knife (15x15) — #006344675, \$30.04 each

Paper Cutter, Drop Knife (18x18) — #001632568, \$43.97 each

Envelope, Transparent, 5 hole punched for binders, sealed three sides, size 10x13 — #009357173, \$30.48 per box

Envelope, Mailing (Unprint 4 1/4 x 9 1/2) — #002866970, \$5.82 box

Binder Clip (1/2" cap) — #002236807, \$1.21 per dozen

Paper Fastener (Acco-8 1/2") — #002050806, \$3.43/box

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one percent of basic pay per pay period, or even a smaller, fixed-dollar amount, such as \$5 per pay period, and still get a government matching contribution. FERS employees contributing five percent of basic pay receive government contributions of five percent, making a total of 10% of basic pay going into their TSP account. All FERS employees can contribute as much as 10% of basic pay, and with the government contributions, can have a total of 15% of their basic pay going into their TSP account. All contributions to TSP are tax deferred.

CSRS employees may contribute up to five percent of basic pay. CSRS employees can invest their contribu-

Post-It Notes (Pink 2" x 3") — #012074353, \$2.37/dozen

Post-It Notes (Green 2" x 3") — #012074355, \$2.98/dozen

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Tape (Press sensitive 1/2") — #006342940, \$2.88 per roll

Tape, Paper (Computing 3" wide) — #002729831, \$4.33/roll

Transparency Marker Assortment (felt tip, 8 per set) — #001387981, \$1.17 per assortment

Pencil Sharpener (Electric) — #012022927, \$20.10 each

Ball-Point Pen (stick type, black) — #010605820, \$2.18 per dozen

Credit Card Holder, vinyl w/clear front (reinforced hole for hanging 2 5/16 x 4 5/16) — #001555174, \$.09 each

Journal Record Book (5 1/2 x 8) — #002866207, \$1.63 each

Executive Desk Pad, 24 1/2 x 38 3/8, linoleum pad w/leather end panels, brown — #002851801, \$13.69 each

Numbering Machine, wheels provide numbers 0-999,999, with three functions, consecutive, duplicate and repeat action plus auto advance — #001627109, \$15.60 each.

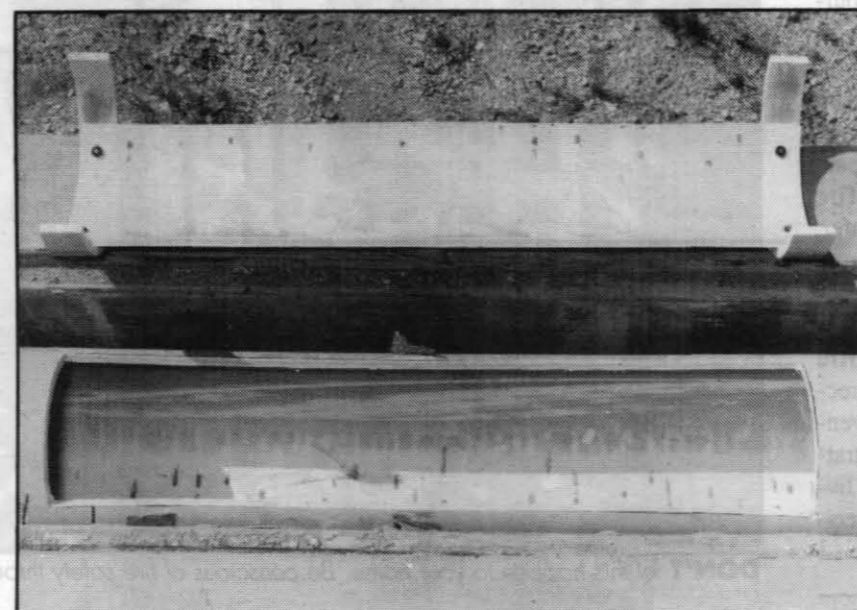
tions in any of the three investment options (C, F or G Funds). CSRS employees do not receive any matching government funds, but all of the contributions to TSP are tax deferred.

Enrollments or changes will be effective the beginning of the first pay period in January (Jan. 10) if received before that date. Elections should be submitted to your PMA Team before December 31st to allow time for processing.

Employees who want to change their current enrollment or begin participating in the TSP program, should contact their PMA Team.

TANKS from Page 8

The Ordnance Systems Department quickly learned that complying with environmental regulations and safety regulations at the same time can be difficult. The drainage system that carries waste from the buildings to



MODIFIED drainage system carries wastewater to tanks. Removable sections allow inspection for explosive residue buildup.

the settling sumps is a good example. Safety regulations require that drains carrying explosive materials be open troughs with removable covers to allow periodic visual inspection for build-up of explosive residue. The one and one-half- to two-foot-deep concrete troughs with metal covers that led to the sumps satisfied the safety requirements. However, last spring's heavy rains overloaded the drainage system and caused an overflow onto the ground—an environmental violation.

Designers and craftspeople in the Ordnance Systems Department solved the problem by installing plastic PVC pipe inside the troughs, then cutting a two-foot-long section from the top of the pipe every 2 feet. The cut-out sections were formed into "lids" that fit securely

onto the pipe, keeping out rainwater but still lifting off easily to allow workers to inspect and clean the drains.

Harlan Hersley, head of the department's Energetic Materials Processing Support Branch, gives much of the credit for this solution to the journeyman-level craftspeople who installed the drainage system. Because the drainage concept was new, they had to make adjustments at the site. But they are accustomed to unusual requirements. Hersley's branch and the Energetic Materials Equipment

Support Branch, which include pipe fitters, electricians, welders and machinists, are responsible for devising and fabricating unique facilities and equipment for explosive and propellant research and development, as well as keeping existing energetic-material facilities safe and operational. Because of the nature of their work, these two branches have special safety certification and must use nonsparking tools and follow stringent safety procedures for working around explosives.

Money and materials for the environmental work were provided by the Ordnance Systems Department and the Environmental Project Office. Department head Dan Goss is extremely concerned about safety and environmental issues, Hersley said. "He gets his coveralls on and gets out and checks things," said Hersley. "You'd think he was just a regular worker out there tromping around."

Employees throughout the Ordnance Systems Department have also been extremely cooperative in trying to solve the department's environmental dilemma, said Quintana. People have changed their work habits to reduce the amount of wastewater generated. For example, vacuum systems that required large amounts of water have been replaced with individual pumps that require almost no water. In some areas, employees have begun to damp-mop or sweep the floors rather than hosing them down. Here again, however, this practice could create a safety hazard in areas where explosives are used, because only hosing ensures that all grains of the explosive are removed from cracks and crevices in the floor. Therefore, hosing is still required in some areas.

In fiscal year 1992 alone, \$100,000 was invested in labor and materials for the improvements. A Wastewater Steering Committee has been formed to pursue a long-term solution for dealing with hazardous wastewater on Station, including the possibility of on-site treatment, which would eliminate the need for costly transport of the waste off-Station. The committee is headed by Wayne Doucette, associate head of Ordnance Systems, and includes representatives from the Safety and Security Department, the Public Works Department, Legal Counsel and the Environmental Project Office. A NAWS contractor is currently providing information on alternative disposal and treatment options.

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DRMO sets auction December 8

Local Auction 41-3009 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Tuesday, Dec. 8. The auction will begin at 9 a.m. in Building 1073, Warehouse 41.

Auction items will be on display for inspection Dec. 2, 3 and 7 from 7:30 a.m. to 2:30 p.m. A complete list, as well as sales terms and conditions, can be seen at Building 1073, Warehouse 41.

Registration will begin at 7:30 a.m. on the day of the sale. Bidders must be present and registered to bid. Mailed bids cannot be accepted. Items pur-

chased may be removed on the sale date provided full payment is made. Payment must be in cash or guaranteed instrument (cashier's check, money order, traveler's check and so forth). Unless otherwise specified, purchasers have until Dec. 15 to pay and remove items.

Hours of operation at the Sandquist Gate are 6 to 8 a.m., 11 a.m. to 1 p.m. and from 3 to 6 p.m. At other times, Lauritsen Gate must be used.

For an auction catalog, contact Phyllis at Building 1073, Code 97, 939-2502 or 2538.

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Home fire inspections scheduled next week at NAWS China Lake

By R. A. Davidson
Fire Prevention Chief

Fire inspectors from the China Lake Fire Division will conduct their annual fire safety inspection of residential housing between Nov. 29 and Dec. 12 as required by NAVFAC P-1021 and Center Fire Prevention Regulation.

Fire inspectors will conduct door-to-door fire inspections of all occupied family housing units between 9 a.m. and 5 p.m., Monday through Saturday. A responsible adult family member must be present during the inspection of a residence.

For the residents' convenience, fire inspectors will also be available after normal working hours and on Sundays.

Any resident who will not be home during the normal working hours is encouraged to call the Fire Division Office at 939-2146, Monday through Friday, from 7 a.m. to 5 p.m., to arrange for an appointment for this inspection.

All residents are urged to participate in this worthwhile effort to help "fire proof" the home and to promote a safer, happier holiday season. Fire inspectors encourage questions about fire prevention problem areas that may be of concern to local residents. In return, fire inspectors may make constructive recommendations to improve fire prevention standards in the home, concentrating on yards, garages, kitchens and living rooms. Your cooperation is appreciated.



DON'T let this happen to your home. Be conscious of fire safety throughout the year.

Two models of smoke detectors being recalled; horn may fail to operate

Two models of smoke detectors are being recalled due to the possibility that the horn may fail to operate when activated. The detectors are the type that would be hardwired to the household electrical system.

All personnel are urged to inspect their detectors at home. If a detector is manufactured by BRK Electronics,

Model Numbers 18391 and 28391, manufactured between 1988 and 1990, please contact the Fire Division at the Naval Air Weapons Station China Lake for information on free replacement by the supplier.

If you haven't already done so, this would also be a good time to test and clean your smoke detectors, and change

the battery. Detectors can easily be cleaned by holding the nozzle of the vacuum cleaner up to the intake vents. Dust accumulation inside the detector will affect its performance. If a detector is battery powered, the battery should be replaced at least once a year. If you can't remember when you changed it last, it is probably a good time to do it. One easy

way to remember to change the battery is to do it on the same day every year and mark it on the calendar. A birthday, holiday or the day the time changes are easy days to remember.

If you have any questions on recall detectors or any general smoke detector questions, please call the Fire Division at 939-2146.

Registration scheduled for spring courses at Cerro Coso

Registration for students at Cerro Coso Community College will begin Nov. 18 by telephone for spring courses. Regular walk-in registration for students will be Jan. 6, 7 and 8. Refer to spring schedule for specific instructions on registration dates, times and procedures. Schedules will be available in the Training Center lobby after Cerro Coso releases them for distribution.

Civil service employees at China Lake taking courses at Cerro Coso and expecting to obtain tuition support must submit, via department channels to Code

C622 prior to registration, a DD Form 1556 (Off-Center Training Request) with a job order number supplied by their department and an "objective" statement explaining how the course is job related.

Code C622 will return the approved DD Form 1556 to the employee. The employee must turn it in to Cerro Coso when registering in order for NAWC-WPNS to pay the tuition. If registering in person, turn in the approved form to the registrar. If registering by telephone, mail the approved form back with the bill, when it comes.

Requests for tuition support (DD Form 1556) must be received by Code C622 at least three days prior to the employee's registration at Cerro Coso. This will allow the request to be processed and returned to the employee in time for registration. The approved DD Form 1556 must be turned in to Cerro Coso when registering/returning bill received in order for NAWCWPNS to pay the tuition. Employees who pay the tuition will not be reimbursed.

If more information is required, call Cecil Webb at 939-0878.

CSUB counselors at China Lake, Dec. 1

Academic counselors of California State University, Bakersfield, will be at China Lake on Dec. 1 to advise current and prospective students in the external degree programs offered by the school at China Lake, which include a bachelor's degree program in business administration and a master's degree program in administration.

To make an appointment to see one of the counselors, call Denise at 939-2648.

TRAINING - from page 14

text and fonts, dialogue design and User Interface Management Systems.

Note: Students who have taken CSC1298C-1 may take this class for credit.

Text: TBA
CSCI397C-13: Object-Oriented Design and Programming in C++ (3 units)

Jan. 26-May 20; Tuesdays and Thursdays, 12:30-1:45 p.m.; Training Center (via satellite). By Professor Paul Luker, CSUC, (916) 898-4414.

Prerequisite: CSCI397C-10: Object-Oriented Analysis and Design or equivalent or consent of instructor.

Scope: This course, which is a sequel to the analysis and design class, will concentrate on the design and implementation

of object-oriented programs using C++. The focus will be on how to implement object-oriented models in C++ with a strong emphasis on good programming practice. All features of C++ will be examined in detail. Object Modeling Technique will be used to express models.

Note: See course syllabus for specific software requirements. Students who have taken CSCI397C-1, 397C-10, or 397C-11 may take this class for credit.

Text: TBA
CSCI397C-14: Distributed Data Base Systems (3 units)

Jan. 26-May 20; Tuesdays and Thursdays, 11 a.m. to 12:15 p.m.; Training Center (via satellite). By Professor Melody Duncan, CSUC, (916) 898-6480.

Prerequisite: CSCI273M: Data Base

Management or equivalent or consent of instructor.

Scope: This course covers the theory, algorithms and methods that underlie distributed database management systems. Emphasis is placed on design issues, query decomposition and optimization, transaction management, concurrency and reliability, and current trends in DDBMS's.

Math477: Experimental Design and Statistical Analysis (5 quarter units)

Jan. 7-March 11; Thursdays, 4:10-9:10 p.m.; Training Center. By Dr. Lee Lucas, 939-5219.

Prerequisites: A course in elementary probability and statistics.

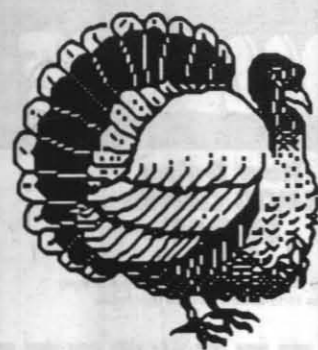
Scope: Statistical inference using fixed, random mixed and split-plot models.

Other topics include multiple and polynomial regression, analysis of covariance and use of computers in statistical analysis.

Note: Students in the master's degree program in computer science through CSU, Chico, may satisfy their foundation requirements in math by taking this course and another course in probability and/or statistics and two semesters of calculus.

Comments:

Job-related courses other than those listed above or those offered under contract with Cal-State, Bakersfield; or Cal-State, Northridge, must be approved on a DD1556 (Off-Center Training Request) before registration if NAWCWPNS is expected to pay for the training. For additional information, call Cecil Webb at 939-0878.



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TRAINING

CSUC Computer Science Program classes offered

Following are courses being offered for the spring in the Cal-State University, Chico (CSUC), Computer Science Program (bachelor's and master's degrees). To enroll in these courses, call Denise at 939-2648. Registration will be held at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class. Enrollments for courses will be on a first-come, first-served basis, unless otherwise indicated.

CSCI152: Operating Systems Programming (3 units)

Jan. 11-April 28; Mondays and Wednesdays, 11:30 a.m. to 12:45 p.m.; Training Center (videotape). By Professor Paul Luker, CSUC, (916) 898-4414.

Lab: Tuesdays, 5-6 p.m.; Training Center. By Howard McCauley, 939-0546.

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: An overview of system soft-

ware function and evolution: loaders; linkers; operating system architecture from the kernel outwards.

Text: *Operating System Concepts*. Abraham Silberschatz, James L. Peterson and Peter B. Galvin. Addison-Wesley, third edition, 1991.

Note: This is a core course in the bachelor's degree program in computer science through CSUC. This is a required foundation course for the master's degree program in computer science through CSUC.

CSCI250: Compiler Theory (3 units)

Jan. 26-May 20; Tuesdays and Thursdays, 2-3:15 p.m.; Training Center (via satellite). By Professor Orlando Madrigal, CSUC, (916) 898-6442.

Prerequisite: CSCI152: Operating Systems Programming or equivalent or consent of instructor.

Scope: Language definition and descriptors, syntax structures, parsing, extraction of elements, symbol table

construction, memory allocation, control statements, I/O lists, code generation, error detection and diagnostic generation.

Text: TBA
CSCI278: Computer Network (3 units)

Jan. 26-May 18; Tuesdays and Thursdays, 8-9:15 a.m.; Training Center (via satellite). By Professor Seung Bae Im, CSUC, (916) 898-5056.

Prerequisite: CSCI152: Operating Systems Programming and CSCI172: Systems Architecture or equivalent or consent of instructor.

Scope: Covers the concepts, vocabulary, design issues and techniques currently used in the area of computer networks. Topics include history and evolution, transmission media, interconnection topology, control methods, protocols, types of nodes, network interfaces, performance analysis, diagnosis and maintenance, taxonomy, bridges and gateways. Case studies of existing state-of-the-art networks are included.

Text: TBA
CSCI356: Design and Analysis of Algorithms (3 units)

Jan. 26-May 18; Tuesdays and Thursdays, 9:30-10:45 a.m.; Training Center (via satellite). By Professor Kent Wooldridge, CSUC, (916) 898-5061.

Prerequisite: CSCI151: Algorithms and Data Structures and Math 120: Discrete Mathematical Structures or equivalent or consent of instructor.

lent or consent of instructor.

Scope: Algorithms from many areas of Computer Science will be analyzed. Topics include algorithms from combinatorics, graph theory, artificial intelligence and systems programming.

Text: TBA
CSCI380: Digital Systems Design (3 units)

Jan. 26-May 20; Tuesdays and Thursdays, 3:30-4:45 p.m.; Training Center (via satellite). By Professor Bob Britton, CSUC, (916) 898-4487. Prerequisite: CSCI280: Digital Logic Design Theory or equivalent or consent of instructor.

Scope: Application of top-down digital logic design of contemporary digital systems, with a special emphasis on Reduced Instruction Set Computer architectures.

Text: TBA
CSCI397C-12: User Interface Programming in X Windows (3 units)

Jan. 26-May 18; Tuesdays and Thursdays, 5-6:15 p.m.; Training Center (via satellite). By Professor Jim Murphy, CSUC, (916) 898-4037.

Prerequisite: CSCI151: Algorithms and Data Structures or equivalent or consent of instructor.

Scope: Design and implementation of graphical user interfaces using the primitive X windows library as well as the Xt and Motif toolkits. Topics include event handling, use of color, graphics contexts, *Please see TRAINING, Page 15*

Holiday Traffic Safety Seminar set for Dec. 7 at Station Theatre

By Dena Christison
Safety Office

The Holiday Season from Thanksgiving through New Year's Day should be filled with good times for China Laker's and their families. Unfortunately, this festive season also holds a higher potential for serious mishaps.

As the holiday season approaches, our streets and highways become filled with holiday travelers. In conjunction with the increase in traffic, there is an increase in the number and severity of motor vehicle accidents.

Holiday parties and drunk driving, travelers fatigue, inattentiveness on the driving task, impatience to reach ones destination and so forth, are just some of the culprits that can turn a joyous holiday season into a time of tragedy for those involved in motor vehicle accident.

With the holiday season upon us, many of you have probably begun to plan for holiday travels. Whether traveling a long distance to visit family and friends or just driving across town for shopping or parties — make safety part of your travel plan.

The upcoming holiday season presents a special time of the year to reinforce good driving habits. We can help reduce mishaps and/or the degree of

injury and possible death to ourselves and loved ones by following good safety sense rules in regards to seatbelt usage, not driving under the influence of alcohol (DUI), allowing sufficient time in driving home for the holidays, negotiating snow covered roads, etc.

Attend this year's all hands "Holiday Traffic Safety Seminar" to learn or just to reinforce traffic safety considerations around the winter holidays.

Two presentations of this year's China Lake "Holiday Traffic Safety Seminar" will be held on Monday, Dec. 7, at the NAWS China Lake Station Theatre. The first show will be from 10-11:30 a.m., while the second one will be from 1-2:30 p.m.

The seminars will be presented by Bill Velez, President of Trukspect, Inc., a safety consulting firm that has presented driver improvement programs for a number of companies in the California area, and is endorsed by the National Safety Council.

How can you get on the right road to safety during this holiday season? Start by attending this valuable and entertaining seminar. All China Laker's are encouraged to attend, and bring a friend or loved one. For more information, contact the Safety Office at 939-2314 or 2315.

Compu Chatter

By Donna Hanson
PC lab

Soft PC & Dayna File II

The Dayna File II 5 1/4" drive installation disk installs DOS Mounter as part of the driver software. This works fine for mounting DOS disks on the Macintosh desktop but Soft PC and DOS Mounter do basically the same thing and therefore a conflict occurs when running Soft PC with the Dayna File disk drive. To work around this problem, turn off

Dayna File II information offered

DOS Mounter in the control panel and turn off the Dayna File drive. Restart before running Soft PC and restart again after running it.

Hardware Trouble Desk Notice

Effective immediately — Job Orders are required to process trouble calls for typewriters and Micrographic equipment.

Computer Society meets Tuesday

Richard Moore talks about 'Encore Computers at Echo Range'

Richard Moore, a computer scientist employed at the Naval Air Weapons Station China Lake, will talk about "Encore Computers at Echo Range" during the November meeting of the China Lake Chapter of The Computer Society. The meeting will be held Tuesday, Nov. 24, at El Charro Avitia. Lunch will be served from 11:30 a.m. to noon, followed by the program, which ends at 1 p.m.

The mission of Echo Range is to develop, operate, maintain and continuously improve the fidelity of the Naval Air Warfare Center's Electronic Warfare

Threat Environment Simulation free airspace laboratory. Encore computers are used in this mission, conducting the tests and performing the follow-on data reduction. The Encores replace the older Gould 12/30 computers.

Material to be presented at the meeting will cover the hardware configurations, computer peripherals and interfaces of the Encore Computer system; its software, Encore supplied, third party supplied and locally developed; and future plans for the Encore system.

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Birmingham	\$217	\$217	\$217
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Cleveland	\$229	\$229	\$229
Columbus		\$134	\$134
Corpus Christi		\$169	\$169
Detroit (City & Metro)	\$218	\$218	\$218
El Paso	\$ 92	\$ 92	\$ 92
Harlingen (S. Padre Island)		\$174	\$174
Houston (Hobby)	\$164	\$164	\$164
Indianapolis	\$178	\$178	\$178
Kansas City	\$139	\$139	\$139
Las Vegas	\$ 51	\$ 51	\$ 51
Little Rock		\$217	\$217
Lubbock	\$128	\$128	\$128
Midland/Odessa	\$121	\$121	\$121
Nashville	\$164	\$164	\$164
New Orleans		\$174	\$174
Oakland	\$ 56	\$ 56	\$ 56
Oklahoma City	\$164	\$164	\$164
Phoenix	\$ 46	\$ 46	\$ 46
Reno/Tahoe	\$ 87	\$ 87	\$ 87
Sacramento	\$ 56	\$ 56	\$ 56
San Antonio	\$156	\$156	\$156
St. Louis	\$164	\$164	\$164
Tulsa	\$164	\$164	\$164

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CONTEL

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PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently listed at NAWC, China Lake and from eligible employees who are permanently assigned to the China Lake site. 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 China Lake's commuting area. Applications from other groups will be accepted when specified in advertisements listed herein. Vacancies are subject to restrictions imposed by the DOD Priority Placement Program. Applicants must meet all legal and regulatory requirements, including minimum qualifications, by the closing date of the advertisement. Evaluation of applicants' qualifications will involve using at least two assessment measures. Assessment measures are work experience, annual performance assessment rating and narrative, education, training, and awards.

Eligible spouses, of military sponsors, with competitive employment status or eligibility under E.O. 12962, must register in the DOD Priority Placement Program to be eligible for spousal preference. Those enrolled in this program will automatically receive consideration for employment on vacancies for which they are qualified. 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 performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the tasks/roles performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSA) as cited in the advertisement is highly recommended and may be required if stated in the advertisement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 123592, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If any of this 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 signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive 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, 506 Bldg. Announcements close at 4:30 p.m. on Thursday, 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 Air Warfare Center, Weapons Division is an Equal Opportunity Employer; selections are made without discrimination for any non-merit reason.

NOTICE REGARDING DRUG TESTING DESIGNATED POSITIONS

Any applicant tentatively selected for one of these positions will be required to submit to urinalysis to detect illegal use of drugs prior to a final selection. Final selection is contingent upon a positive result, after otherwise meeting the requirements of the announcement, as the incumbent of a Testing Designated Position (TDP). Further, all Department of the Navy employees may be subject to drug testing under certain circumstances such as reasonable suspicion and after an accident. All individuals will have the opportunity to submit medical documentation that may support the legitimate use of a specific drug to a Medical Review Officer. An applicant's test results will be provided to the selecting official and the reviewing official before a final selection is made. A verified positive drug test of a current Department of the Navy employee will also be provided to the employing activity/command. (NAWPNCENINST 12792.2, 14 Dec 90)

MERIT PROMOTION

No. 031-TS-92, Supervisory Interdisciplinary, (General/Mechanical/Electrical/Computer/Electronics/Aerospace Engineer/Physicist/Mathematician), DP/GM-0801/0830/0850/0854/0855/0861/1310/1520-4/14, Naval Air Warfare Center Weapons Division, Ft. Mugu, Aircraft Weapons System Directorate, Aircraft Weapons Integration Department (Fighter Integration and Evaluation Division) — Code P2252

The incumbent translates broad areas of responsibility into specific subprojects, experiments, and studies within the branch. Applies conventional concepts and theories in technical areas to define scope of the tasks, policies that will apply, and techniques and criteria to be used. Determines source of conflicting technical results, detects and analyzes trends, and resolves anomalies in project progress. Keeps abreast of all developments in related weapons systems. Directs, leads, assigns, organizes, and plans work on an organizational level. Responsible for training personnel in the technical aspects of missile weapons systems test and evaluation. Incumbent is the branch head and provides supervision of project pilots, engineering, and non-professional personnel in performing mission objectives. Plans both immediate and long-range workload of the branch; defines support requirements of service organizations; establishes program and production goals; and develops cost and budget forecasts. The incumbent is responsible for carrying out EEO policies and communicating support of the policies to subordinates. The incumbent will participate fully in development of an EEO Affirmative Action Plan and will cooperate in efforts regarding staffing, motivation, and training to develop all employees.

QUALITY-RANKING FACTOR: Knowledge of tactical aircraft combat systems test and evaluation. This includes laboratory and flight testing of EO/IR/RF sensors, air-launched weapons, mission avionics, and aircraft tactical software. Ability to perform first-line supervision and coordinate technical efforts of project teams. The selectee may be required to serve a 1-year probationary period.

Applications may be submitted to China Lake's Human Resources Department, Room 100, NLT 1700 of the closing date or they may be sent directly to the Human Resources Department, Naval Air Warfare Center, Weapons Division, ATTN: Terry Smith, Point Mugu, CA, 93402-5002. Mailed applications must be post-marked NLT the closing date. Point of contact is Terry Smith, AV 351-3322. Permanent Change of Duty Station (PCS) is not authorized. This ad opens 19 November and closes 3 December.

No. 21-005, Supervisory Interdisciplinary (General/Mechanical/Electrical/Computer/Electronics/Aerospace Engineer/Physicist/Operations Research Analyst/Mathematician/Computer Scientist), DP-801/830/850/855/861/1310/1515/1520/1550-3 — This position is that of Head, FA-18 Software Development Branch, Systems Engineering Division, Aircraft Weapons Integration Department (Fighter/Attack). As Branch Head, the incumbent directs a multidisciplinary staff which provides software engineering for management of the Navy and Marine Corps fighter/attack aircraft through its life cycle with emphasis on the Mission Computer and Stores Management Set Tactical Operational Flight Programs. **Job-Relevant Criteria:** Knowledge of aircraft systems including avionics and the system engineering process; knowledge of tactical systems software, including software development; knowledge of Affirmative Action principles including a willingness to implement EEO practices; ability to per-

form as a first-line supervisor; ability to influence and motivate others; ability to plan, organize, coordinate, and manage a technical program; and the ability to communicate orally. Incumbent must be able to obtain and maintain a Top Secret clearance based on a special security background investigation. Any applicant tentatively selected to this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Position" in "Promotional Opportunities" box. A 1-year supervisory probationary period may be required. This position has potential to DP-4; however, promotion is not guaranteed. Permanent Change of Duty Station (PCS) authorized. This ad opens 19 November and closes 3 December.

No. 25-003 Supervisory Logistics Management Specialist, DP-0345-3, Code 2623 (multi-elastic branch) — This position is that of Head, Acquisition Logistics Branch, Weapons Logistics Division, In-Service Engineering Department. The branch provides commodity logistics engineering support management, supply support and provisioning technical documentation services, maintenance planning, and conducts in-depth logistics support analysis for Navy, Air Force, Army, and FMS programs and projects under cognizance of NAWCWPNS. As Branch Head, the incumbent is responsible for management, supervision, administration, and leadership of the branch, and for significant technical direction. The position is located at China Lake and requires extensive travel to oversee Branch workload and personnel at both the China Lake and Point Mugu sites. Extensive experience in the DoD acquisition process and ILS acquisition requirements is highly desirable. **Job-Relevant Criteria:** Knowledge of DoD acquisition process and ILS acquisition requirements; knowledge and understanding of supply support, logistics support analysis, and maintenance planning for multi-service airborne weapon systems and related equipment; knowledge of personnel policies and procedures; knowledge of affirmative action principles including a willingness to implement EEO practices; ability to interface effectively with all levels of management, multi-service sponsors and contractors; ability to perform as a first-line supervisor; ability to communicate effectively both orally and in writing. Incumbent may have to serve a 1-year probationary period for supervisors. Permanent Change of Station (PCS) is not authorized. This ad closes 27 November.

No. 29-005, Security Assistant (Typing), DG-086-2/3, Code C29B1 — This position is located in the Advanced Technology Applications Office of the Intercept Weapons Department. Incumbent will be responsible for the day-to-day operations of security management, including records management, security administration, physical and personnel security. **Job-Relevant Criteria:** Knowledge and working skills on the Macintosh computer; ability to be organized; ability to control details; ability to communicate orally and in writing; and the ability to deal effectively with all levels of personnel. The incumbent must be able to obtain and maintain a Top Secret clearance; a single scope background investigation is required. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. Promotion potential is to a DG-4, but not guaranteed.

No. 29-006, Security Assistant (Typing), DG-086-2/3, Code C29B1 — This position is located in the Advanced Technology Applications Office of the Intercept Weapons Department. Incumbent will be responsible for the day-to-day operations of security management, including records management, security administration, physical and personnel security. **Job-Relevant Criteria:** Knowledge and working skills on the Macintosh computer; ability to be organized; ability to control details; ability to communicate orally and in writing; and the ability to deal effectively with all levels of personnel. The incumbent must be able to obtain and maintain a Top Secret clearance; a single scope background investigation is required. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Positions" in "Promotional Opportunities" box. Promotion potential is to a DG-4, but not guaranteed.

No. C32-002, Engineering Technician, DT/DP-802-3, Code C32052 — This position is that of Test Manager

in the Test Management Office, Range Department. Responsibilities include test planning, fiscal management, test coordination, test analysis, and documentation of assigned projects. The incumbent serves as primary interface between the China Lake land range assets and the customers, which include all branches and levels of the United States military services, all elements of the Department of Defense, government contractors, foreign governments, and private organizations. Tests include all types of Air-to-Air, Air-to-Surface, Surface-to-Air, Surface-to-Surface weapons and equipment testing and other test and evaluation programs such as the testing of foreign equipment and weapons. Specific near-term tests that will be supported by this Test Manager include the operational testing of the Air Defense Variant of the Marine Corps Light Armored Vehicle and the NATO Demonstration of Advanced Radar Techniques. The Test Manager coordinates the effort of the professional and technical teams to meet the customer requirements. Requires interaction with sponsors, technical and administrative personnel, center managers, contractors, and national associates. Some travel required. **Job-Relevant Criteria:** Knowledge of range instrumentation capabilities; knowledge of land and airspace operation of the Range Department; ability to communicate in writing; ability to work effectively with all levels of personnel both on and off the station; and the ability to manage assigned funding. Incumbent must be able to obtain and maintain a Top Secret Clearance. Any applicant tentatively selected to this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Position" in "Promotional Opportunities" box. Promotional potential to DP-3, but not guaranteed. Permanent Change of Station (PCS)

No. C32-003, Test Management Specialist, DS/DP-301-3, Code C32052 — This position is that of Test Manager in the Test Management Office, Range Department. Responsibilities include test planning, fiscal management, test coordination, test analysis, and documentation of assigned projects. The incumbent serves as primary interface between the China Lake land range assets and the customers, which include all branches and levels of the United States military services, all elements of the Department of Defense, government contractors, foreign governments, and private organizations. Tests include all types of Air-to-Air, Air-to-Surface, Surface-to-Air, Surface-to-Surface weapons and equipment testing and other test and evaluation programs such as the testing of foreign equipment and weapons. Specific near-term tests that will be supported by this Test Manager include the operational testing of the Air Defense Variant of the Marine Corps Light Armored Vehicle and the NATO Demonstration of Advanced Radar Techniques. The Test Manager coordinates the effort of the professional and technical teams to meet the customer requirements. Requires interaction with sponsors, technical and administrative personnel, center managers, contractors, and national associates. Some travel required. **Job-Relevant Criteria:** Knowledge of range instrumentation capabilities; knowledge of land and airspace operation of the Range Department; ability to communicate in writing; ability to work effectively with all levels of personnel both on and off the station; and the ability to manage assigned funding. Incumbent must be able to obtain and maintain a Top Secret Clearance. Any applicant tentatively selected to this position will be required to submit to urinalysis for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Position" in "Promotional Opportunities" box. Promotional potential to DP-3, but not guaranteed. Permanent Change of Station (PCS) is not authorized. This ad opens 19 November and closes 3 December.

No. 33-004, Supervisory Electronics Technician DT/DP-856-3, Code 3305 — This position is that of Head, Test Management Office of the Electronic Combat Range Department. This office is responsible for managing all test programs. The office provides test planning, cost estimating, budgeting, coordination, and scheduling, and conducts and controls tests during real-time. The office is also responsible for performing frequency coordination and scheduling, in addition to test data review and transmittal. The incumbent's duties include overall direction, coordination, and management of the office activities as well as general administrative tasks. Knowledge of Airborne Tactics and Weapon systems, Surface-to-Air Missiles, Fire Control systems, and range Operations is highly desirable. **The work schedule is "First Forty" hours.** **Job-Relevant Criteria:** Ability to perform as a first-level supervisor; ability to communicate in writing; ability to communicate orally; ability to deal effectively with all levels of technical management; ability to influence and motivate others; knowledge of affirmative action principles including a willingness to implement EEO practices. This ad closes 27 Nov 1992.

No. C82-001, Supervisory Personnel Management Specialist, DP-201-3, Code C623 — Incumbent serves as Head of Equal Opportunity and Employment Division. Supervises approximately 22 employees working at two sites and in three personnel occupational areas. Duties include affirmative action planning, informal complaints management, external recruitment programs (JP, Coop, Technical Mentor, JTPA), job information center, merit promotion program, etc. This position may be filled at either the China Lake site or the Pt

Mugu site. **Job-Relevant Criteria:** Knowledge of federal EEO and personnel management regulations, practices, and procedures; knowledge of affirmative action principles, including a willingness to implement EEO practices; ability to deal effectively with personnel at all levels; ability to manage human resource programs; ability to communicate effectively orally and in writing; ability to supervise. May be required to serve a 1-year supervisory probationary period. Full performance level: DP-3. PCS (permanent change of station) expenses will be authorized. This ad opens 12 November and closes 30 November.

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.

REASSIGNMENT COLUMN

No. C21-004, Interdisciplinary (Electronics/Computer Engineer/Operations Research Analyst/Computer Scientist/Physicist/Mathematician), DP-854/855/1310/1515/1520/1550-2/3, Code C2108 — This position is located in the Weapons Systems Software Office, Aircraft Weapons Integration Department (Fighter/Attack). The office is that of the Department software systems quality advocate and provides product assurance support to Weapon System Support Activities and other projects. As a member of product assurance teams supporting various projects, the incumbent plans, performs, and reports on document review, requirement tracing, design/code inspection; verification of testing; verifying change/problem dispositioning; reviews/audits of procedures, facilities, and tools; configuration reviews/audits; etc. The full performance level of this position is DP-3. Permanent Change of Station (PCS) is not authorized. To apply send an updated SF-171 to A. Hoyem, Code C2108, 939-5618. This ad opens 19 November and closes on 3 December.

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 administrative support 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 1/2/3/5/6, division secretary applicants will be rated on elements 1/2/3/4/7/8/9, Program Office secretary applicants will be rated on elements 1/2/3/4/5/6/9, and department secretary applicants 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.

SECRETARIAL COLUMN

No. 023-002, Secretary, DG-318-2, Code C0235 — The incumbent provides secretarial support including travel arrangements, correspondence, short reports, conference room reservations, viewgraphs, etc., to the Chemistry Division. Knowledge of and working skill on the Macintosh II and software including Microsoft Word and Power Point is desirable. The full performance level of this position is DG-2.

No. 29-006, Secretary (Typing), DG-318-2/3, Code C29B7 — This position is located in the Advanced Systems Development Office of the Intercept Weapons Department. The secretary will provide secretarial and administrative support to the Project Manager and staff. Knowledge of NAWC policies and procedures plus working skill on the Macintosh computer is highly desirable. **Job-Relevant Criteria:** Ability to prioritize workload and ability to communicate and work effectively under pressure with all levels of personnel is necessary. Incumbent must be able to obtain and maintain a Top Secret clearance based on a special security background investigation. Any applicant tentatively selected for this position will be required to submit to urinalysis testing for illegal use of drugs prior to a final selection. See "Notice Regarding Drug Testing Designated Position" in "Promotional Opportunities" box. Promotion potential to DG-3, but is not guaranteed. This ad closes 3 December.

Naval Air Warfare Center Weapons Division

Naval Air Weapons Station, China Lake

Announcements



Submit items to: Code C6411; FAX 939-0945, Ellen Mahoney; or E-Mail to TID:ANC

EARLY DEADLINE FOR NEXT WEEK'S ANNOUNCEMENTS

The Rocketeer will be published on Wednesday, 25 November; therefore, the deadline for Announcements is Thursday, 19 November at 1700. If you have any questions call Ellen Mahoney at 927-3902

TEXAS INSTRUMENTS RF IR & D

Representatives from Texas Instruments will be at NAWC to present a briefing on RF Review on 7 December in Mich Lab, Room 1000A from 1230 to 1700.

The topics will include Advanced Radar, Microwave Technology, Antennas, and Radomes. For further information or a complete agenda on the presentation, contact Gerry Peterson or Chuck Newmyer at 939-1074. (Code C0254)

WACOM LUNCHEON MEETING

The December WACOM luncheon meeting will be held at the Seafarer Club on Tuesday, 8 December, with a social period at 1100 and lunch at 1130. The meeting will feature the exciting singing duo of Robin Timm and Joe Dickey, who have appeared throughout the nation for corporations, conventions, and seminars. Robin and Joe bring with them a long list of television, theater, and film credits. Their humor, beautiful voices, and positive music will delight and inspire you. Members may make reservations by calling Eleanor Rockdale at 446-6925. (Code C86)

PEDIATRIC DOCTOR TO VISIT BRANCH MEDICAL CLINIC

Dr. Velasco, the pediatric doctor from the Naval Hospital at Long Beach, will be at the Branch Medical Clinic on 15 and 16 December to perform well baby checks on children 2 weeks to 2 years of age. To schedule an appointment call 939-8004 or the appointment desk at 939-8000. (ADM)

NAWCWPNS LIAISON OFFICE CLOSED FOR THE THANKSGIVING HOLIDAY

The Liaison Office will be closed Friday, 27 November, for the Thanksgiving Holiday. If you have any questions, call Marie Gutzman, at 939-2455. (C644)

ANNUAL HOLIDAY TRAFFIC SAFETY SEMINAR

With the holiday season approaching, many of you have probably begun planning for holiday travel. With the increase of traffic on the roadways during the holiday season there is also an increase in the number and severity of motor vehicle accidents. We all need to be especially safety-conscious during this time of year. Long tiring drives, adverse weather, holiday parties, disruption of normal routines, etc., can become a recipe for turning holiday festivities into tragic consequences. Annually, the Safety Office sponsors a "Holiday Traffic Safety Seminar" to enhance awareness of traffic safety and the increased risks we face on the road around the holiday season.

This year's "Holiday Traffic Safety Seminar" will be presented by Bill Velez, President of Trucksnet, Inc., a safety consulting firm offering Driver Improvement Program to companies throughout California.

The "Holiday Traffic Safety Seminar" will be held on Monday, 7 December, at the Station Theatre. Show times are 1000-1130 and 1300-1430.

Attend this year's "Holiday Traffic Safety Seminar" and make safety part of your travel plans. China Lakers are encouraged to bring friends or family to this valuable seminar. For more information call the Safety Office at 939-2314 or 939-2315. (Code C8401)

B. W. HAYS AWARD LUNCHEON

The B. W. Hays Award was established by Code C25 to recognize Engineering Department employees who have made a significant contribution to the Center's mission in the area of production support.

The presentation of the fourth annual B. W. Hays Award and the Golden Rung Award will take place on Monday, 14 December, at Farris' at the Heritage, 1130-1230. Guest of honor for this event is Burrell Hays, former NWC Technical Director.

The menu for this event is Italian sausage, lasagna, Italian rice, rotelli, zucchini squash, salad and garlic bread for \$8.50, which includes tax and gratuity. Tickets are available from Bonnie or Tammy, of the Engineering Department, Room 1066 or 1063. Tickets must be purchased by 11 December.

DOD NATIONAL MARROW DONOR DRIVE

There will be an opportunity for interested Civil Service employees, military personnel, and dependents of military personnel to become a part of the national marrow registry. If you are between the ages of 18 and 55 and in generally good health, you may have your blood drawn on 8 December. Your blood will be tissue typed and the results will be entered into the registry. All patients in need of a marrow transplant will be compared to those results. If a potential match is found, further blood testing is necessary before you are counseled about the possibility of your becoming a marrow donor.

For an appointment or additional information, call the Wellness Program Office, 939-2468

CALL FOR PHASE 1 TOPICS FOR THE SECOND SUBMISSION FOR FY93 SBIR PROGRAM

NAVAIR has issued a call for Phase 1 topics for the second round of the FY 93 Small Business Innovative Research (SBIR) program. There has been a change in format; and the new format can be obtained from Bob Schwartz at 939-1655 or via Quick Mail. Topics that are selected will be published in the DOD SBIR Solicitation 93.2 due to open 1 May 1993.

Topics are due in NAVAIR by close of business 11 December. To ensure timely submission to NAVAIR, a hard copy and a copy in MS Word should be provided to Bob Schwartz (Code C0251) by close of business 23 November. This will allow time to send the proposals to the appropriate division at NAVAIR to elicit their help in obtaining PMA support. The MS Word copy can either be delivered on a 3" disk or sent to Bob Schwartz by QuickMail. For submissions via OCNR (ONR, ONT, OAT) or other sponsors, directly contact the potential sponsor in those organizations.

There are additional complications for the SBIR program this year. Congressional language is presently being interpreted to mean that there will be no funds allocated for in-house labor associated with this program.

This means no funds for contracting or technical efforts, such as monitoring contracts. If there is any change in this interpretation Bob Schwartz will let you know. However, there is some good news. The funds available to NAVAIR should increase close to \$25M in FY 93 and the size of individual contracts has increased. Phase 1 amounts are now \$100K and Phase 2 amounts are \$750K

If you have any questions regarding this process, call Bob Schwartz at 939-1655. (Code C0251)

CONSOLIDATION OF NETWORK SERVICES SUPPORT

To consolidate services and save Center funds via economy of scale, the Code C21 Network Service delivery order servicing NAF customers will be merged with the Code C63 delivery order of the same type beginning 1 October. All network trouble calls will go through the Network Management Center Help Desk at 939-6661. All installation and modification requirements must be submitted via a Communication Service Request (CSR) to Code C6314. For more details on submitting CSRs or for a copy of the Code C21 Memorandum of Agreement concerning this merger, contact the delivery order technical coordinator, Patti Patin, at 939-2797. (Code C21)

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For an appointment or additional information, call the Wellness Program Office, 939-2468

REDUCED NETWORKING SERVICE RATES

In an effort to improve data/video network services, Code C6311 has modified the trouble call charging policy and reduced installation and modification costs. Starting 1 October the first 30 minutes of a trouble call will be free. A technician will arrive on site within 2 hours of reported trouble, unless the trouble can be corrected remotely through the Network Management Center. Code C6311 reserves the right to bill customers if it is determined that they have caused the trouble by improperly installing equipment or making changes to their network.

NAWC CONFERENCE CENTER CLOSED

Beginning 10 October, the NAWC Conference Center (formerly CPO) will be closed for approximately 60 days while a new roof is being installed. Plans currently call for the facility to re-open on 14 December if there are no delays in the project. Employees wishing to reserve rooms at the Conference Center when the project is complete should call 939-3634 and leave a message on voice mail. Your call will be returned by someone from the Protocol Office as soon as possible. (Code C8101/C0806)

RETIREMENTS

HERB REYNOLDS

Herb Reynolds (Code C2623) is retiring after 18 years of federal service. A farewell party in his honor will be held at Farris' at the Heritage on Tuesday, 15 December at 1900. A buffet will be served at a cost of \$12.50 per person, including tax and gratuity. For reservations, send checks payable to Code C2623, 75 Parsons, Rooms 105 or 120 prior to 10 December. For presentations, gift donations, or information contact Edna, 927-1135, or Barb, 927-1154. (Codes C2623 and C26201)

JACQUE CLAWSON

Jacque Clawson, STANDARD Missile Project Office, Code C29A11, will be retiring on 28 November after 30 years of federal service, all of which were served at China Lake. She will be enjoying retirement at home in Ridgecrest. Those wishing her well may send a greeting card to her home address. Those wishing to make a monetary contribution (to be donated to a food basket for the needy in her name) may contact Cherie Seavey, 927-1460, or Jessica Wren, 927-1463. (Code C29A11)

RON SWOR

Ron Swor (Code C323) is retiring on 3 January after 33 years of federal service, 13 of which were served at China Lake. A retirement party will be held at Santa Fe Grill on Thursday, 3 December. There will be no-host cocktails from 1700 to 1800. A buffet dinner will be served at 1800 at a cost of \$10.95 per person, including tax and gratuity. For presentations, gift donations, or reservations contact Leesa Perry, 939-6416 or Regina Pond, 939-6459 by 23 November. (Code C323)

LEAVE DCNORS NEEDED

The employees listed below have been approved as leave recipients under the Leave Transfer Program. These employees have exhausted annual and sick leave because of personal or medical emergencies and anticipate being in a leave without pay status for at least 80 hours. Employees who wish to help a leave recipient may donate annual leave to the employee by submitting a completed NAVWP-NCEN Form 12630/16 (Request to Donate Annual Leave to Leave Recipient). This form is available at Shop Store (Tel-Mart). A copy of your leave and earning statement is NOT required. Send your form to Code C621. For additional information please call Cindy Smith at 939-2018.

Gloria Dominguez, Program Analyst, Code C61403.
Gloria is under a doctor's care and has exhausted all of her leave.

Brenda Kirkpatrick, Medical Transcriber, Branch Medical Clinic (Long Beach).
Brenda's daughter was in a car accident and severely injured her foot and requires surgery and rehabilitation.

Anita Trenholm, Electronics Technician, Code C2875.
Anita is undergoing a total hysterectomy and is in need of leave.

Gary Bayless, Electrician, Code C8343.
Gary Bayless' son was critically injured in a motorcycle accident and Gary has exhausted his leave.

Marvin Kennedy, Electronics Technician, Code C3312.
Marvin Kennedy is undergoing surgery and is indebted for leave.

Leslie Brockwell, Electronics Technician, Code C3251.
Leslie Brockwell is indebted for leave for previous surgeries and is in need of another surgery.

Diane Richardson, Program Analyst, Code C2708.
Diane Richardson is undergoing foot surgery and will be home recovering. She is indebted for leave.

Teresa Clower, Computer Specialist, Code C8311.
Teresa Clower is indebted for leave to care for her husband who is undergoing numer-

ous nerve blocks and having surgery to implant a spinal cord stimulator.

Jesse Ray Lewis, Jr., Police Officer, Code C8413.
Jesse Ray Lewis, Jr., has been off work for several months as a result of back surgery and its complications.

Jan Slater, Security Assistant, Code C8433.
Jan Slater suffers from pseudotumor cerebri. She had brain shunt surgery to reduce brain swelling and will be home recovering.

Beth Schuchman, Payroll Clerk, Code C6153.
Beth Schuchman is indebted for leave to care for her infant son. He is undergoing continuous testing and intermittent hospitalization. She is a single parent.

Sharon Morgulec, Engineering Data Management Specialist, Code C25521.
Sharon Morgulec had surgery and has exhausted her leave.

Deborah A. Birch, Secretary, Code C392A.
Deborah A. Birch received treatment for breast cancer and is indebted for leave.

Alvina S. Quintanilla, Contract Specialist, Code C654.
Alvina S. Quintanilla is undergoing daily radiation therapy for inoperable cancer of the naso-pharynx.

Judy A. Eldredge, Code C6162.
Judy A. Eldredge is in need of leave to care for her 6-year-old son who is undergoing continuous treatment for acute lymphatic leukemia.

RISK MANAGEMENT (16 hrs.)

26-27 January; Tuesday-Wednesday, 0800-1600; Training Center: By: Dr. David Hulet, Consultant

REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

The attendees will learn the benefits of risk analysis and risk management of projects and programs to improve the likelihood of achieving cost, schedule, and technical objectives. The course will teach practical, organized, and complete steps to preparing a risk analysis. It will highlight the main approaches to reducing or dealing with risk. The attendees will be taught techniques and tools needed to identify, quantify, and monitor project and program risk.

Deadline: 12 January.

COST ANALYSIS (8 hrs.)

20 January; Wednesday, 0800-1600; Training Center: By: James Moldenhauer, Code C8245

REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

Topics include reasons for a cost-analysis effort; availability of funds—trends for the 90s; increasing cost of weapon systems; life-cycle costs—the concept, applications, cost-analysis techniques, design, cost, and schedule; and the system-acquisition cycle—RDT&E production, and program reviews.

Deadline: 6 January.

INTEGRATED LOGISTICS SUPPORT (8 hrs.)

21 January; Thursday, 0800-1600; Training Center: By: Jim Smith, Code C2624

REQUIRED FOR ENROLLEES IN THE TMC & SEC PROGRAMS.

Emphasis will be placed on what program managers need to know about integrated logistics support (ILS), and students will be provided with a working knowledge of logistics support analysis (LSA) and other related logistics documentation. This course will include discussion of the ILS concepts and objectives of a program as related to operational/supportability requirements. Approaches that can be taken by program managers to apply the ILS/LSA requirements to an acquisition program, and tailoring of these requirements to meet program complexity, will also be covered. Also included will be an explanation of the relationship between ILS/LSA and other associated acquisition disciplines, and a brief synopsis of CALS as it relates to ILS.

Deadline: 7 January.

ANTENNAS FOR TECHNICIANS (40 hrs.)

1-5 February; Monday-Friday, 0800-1600; Training Center: By: Byron Eddie

This is an introductory course and has no specific prerequisite, other than a basic understanding of electrical principles. The mathematics used is limited to algebra and trigonometry.

This course covers antennas and antenna technology, particularly as applied to radar, ground, air, and satellite communications (LF, HF, VHF, UHF, and microwave), missile guidance and control, electronic warfare, and testing. It is designed for technicians needing a general understanding of antenna applications. Systems of interest to the purchaser will be used as examples whenever possible. Emphasis is placed on the fundamentals of antennas, their use in systems, and antenna handling, installation, and testing.

Deadline: 19 January.

SECURITY CLASS

SECURITY FOR SUPERVISORS (7 hrs.)

16 December; Wednesday, 0800-1600; Training Center: By: Linda Hall, Code C84301

All supervisors now have security as a critical element in their performance plans. This class addresses the supervisor's role in providing a security-conscious environment. Areas covered include communication security, information security, personnel security and badging, computer security, physical security, operation security, and security education.

Deadline: 7 December.

HANDLING HOLIDAY STRESS (1 hour)

7 December; Monday, 1030-1130; Training Center: By: Rita McCullough Stanley, Consultant

This class will explore factors contributing to holiday stress and offer practical suggestions for reducing holiday stress and enhancing holiday joys.

Enrollments are on a walk-in basis. Point of contact is the Wellness Program Office, 939-2468.

C PROGRAMMING, INTERMEDIATE (40 hrs.)

7-11 December; Monday-Friday, 0800-1600; Training Center: By: John P. Francis, Code C2872

Prerequisite: The student must have a basic understanding of ANSI C programming syntax. This course is not for first-time programmers.

This course explores a series of C topics related to data structures, ANSI Standard C Library, C source code debugging, I/O file management, UNIX-specific system calls/routines, and C software engineering and design. Most of the concepts will relate programming "In-The-Large."

Software engineering principles of object-based/oriented design such as classes, derived classes and inheritance, overloading and polymorphism, exception handling, and templates will be discussed as related to C. The C++ language enhancements under C++ are introduced.

There will be class projects and assignments. Some light outside work will be required. The lab projects are designed to be solved by a small working group.

Presentation Method: Hands-On and Lecture
Deadline: 23 November.

MACINTOSH FOR BEGINNERS (8 hrs.)

15-16 December; Tuesday-Wednesday, 0800-1130; Training Center: By: Marjorie Hunter, Code C0231

Intended Audience: Beginners with little or no Macintosh experience.

In this course you will learn to use the Keyboard and the Mouse to input information to the Macintosh, change software to suit the current application, view files and folders on a data disk, select and drag icons, open icons through the file menu, activate and close windows, use Desk Accessories such as Chooser, Finder, and

Calculator, use the Clipboard to transfer information, and use some typical applications packages such as a word processor and/or a graphic program. (Applications to be surveyed may include MacWrite or WORD, MacPaint, MacDraw, or MacDraft. This class will not be able to cover these applications in any detail. The student is referred to other classes offered for specific applications.)

Presentation Method: Hands-On Workshop.
Deadline: 1 December.
Enrollments are taken as first request received, first approved.

FILEMAKER PRO (16 hrs.)

14-17 December; Monday-Thursday, 1230-1630; Training Center: By: Daryl Vaughn, Code C622

Prerequisite: Basic Macintosh skills.

In this class you will learn an introduction to databases, how to create your own database, working with information (adding, editing, omitting, etc.), layout formatting (field borders, viewing, drawing tools, moving, resizing, reshaping and aligning objects, etc.), autodes, field values, auto text, tab orders, buttons and scripts, and networking and passwords.

Presentation Method: Hands-On Workshop
Deadline: 30 November
Enrollments are taken as first request received, first approved.

MS-DOS, BEGINNING (8 hrs.)

22 December; Tuesday, 0800-1600; Training Center: By: Daryl Vaughn, Code C622

Intended Audience: Beginning users of IBM-PC or Zenith-Compatible Microcomputers. This course is designed to provide the novice computer user with a basic understanding of how DOS manages hardware and software components, controls system operation, and directs input and output to and from peripheral devices. It includes a survey of file-storage techniques, operations commands, command structure, and utilities. Participants will learn how to use MS-DOS internal and external commands such as format, copy, diskcopy, dir, and chkdsk.

Presentation Method: Hands-On Workshop
Deadline: 8 December
Enrollments are filled as first request received, first approved.

ANSI C PROGRAMMING (40 hrs.)

11-15 January; Monday-Friday, 0800-1600; Heritage Inn Flight Deck Room. By: Hewlett Packard

Prerequisites: Knowledge of a high-level programming language and of the basic command set and editor for a host operating system (MPE, RTE, or the UNIX system).

This course reviews all of the ANSI C programming language features, including ANSI C syntax, control flow, functions, pointer, structures, I/O, and standard library calls, including file I/O.

Presentation Method: Hands-On Workshop
Deadline: 28 December.
Tuition fee is \$1,350 for this class. Please provide a JO# with your training request.

AERODYNAMICS (16 hrs.)

9-10 February; Tuesday-Wednesday, 0800-1600; Training Center: By: Prof. Eugene Larrabee, Consultant

Intended Audience: Engineers and technicians who have a working knowledge of algebra, trigonometry, and elementary calculus.

REQUIRED FOR ENROLLEES IN SEC PROGRAM.

The learning objectives for this course are:

- Review the elementary principles of aerodynamics in subsonic, transonic, supersonic, and hypersonic flow.

- Understand the basics of trajectory analysis, both for lifting and nonlifting vehicles.

- Review the use of aerodynamic control systems for stabilization and guidance.

- Explore the interaction between flight Mach number and vehicle geometry in determining the limits of lift/drag ratio, aerodynamic penetration, and vehicle/wake heat input.

- Become acquainted with the relative merits of wind tunnel experiment and computer prediction in engineering design trade-offs.

Deadline: 26 January.

THE WINNING EDGE (16 hrs.)

30 November and 3 December; Monday and Thursday, 0800-1600; Training Center: By: Eve Cappello, Ph. D.

Do your knees shake when you have to make a presentation? Do you express your ideas well and win over audiences? Here is a course that will show you how to overcome podium panic, organize your thought (and your notes), and deliver presentations with style and confidence. Learn how to turn managerial meetings into

masterpieces and overcome nervousness and the fear of public speaking. Also discover the keys of being an effective speaker. To enroll call Pat at 939-3159.

ATTITUDE MANAGEMENT (16 hrs.)

8-9 December; Tuesday, 0800-1600 and Wednesday, 0800-1130; Training Center: By: Carrolle Rushford

Growing workloads and decreasing staff are causing organizations to focus on getting work done through people. Such a setting is often stressful and can sometimes lead to a negative outcome if the appropriate communication techniques are not utilized. This requires an increasing need for good people skills: the ability to understand others and increase productivity by utilizing the maximum potential of each employee.

Employee attitude and morale as well as individual talents must be considered in this kind of setting. Employees who have developed the skill to get along with others and take pride in their work are more productive and self-motivated.

This course is designed to provide skills for more effective communication, identify reasons why people react as they do; utilize appropriate communications techniques in stressful settings; understand personal and different work styles; gain cooperation and support from others; and utilize a holistic approach to work and working with others. It is an excellent course for all levels within the organization—managers, supervisors, and support staff. To enroll in this course call 939-3159.

Presentation Method: Hands-On Workshop
Deadline: 18 January.

CONTRACTING OFFICER'S TECHNICAL REPRESENTATION (COTR) (20 hrs.)

23-24 November; Monday-Tuesday, 0800-1600; 25 November; Wednesday, 0800-1130; Training Center: By: NRCC

The purpose of this course is to enhance the administration of service contracts. This course is for people who furnish technical input to contractors, evaluate contractor performance, and perform inspection and acceptance of services provided under contract. The training is designed to ensure that COTRs understand their responsibilities in administering service contracts.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

QUALITY FUNCTION DEPLOYMENT (24 hrs.)

1-3 December; Tuesday-Thursday, 0800-1600; Training Center: By: American Supplier Institute

QFD is a process for determining customer wants and achieving them throughout the product development process. This is accomplished by thoroughly understanding the customer wants and translating them into measurable specifications which drive the design process.

Applied to R&D, QFD helps to identify technical conflicts and helps match R&D efforts to customer needs. As a result, technology can be implemented in a way that meets customer needs with minimal adverse effects. This 3-day workshop will teach the methodology of QFD and provide "hands-on" experience applying the process.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

INTRODUCTION TO SUPERVISION (40 hrs.)

7-11 December; Monday-Friday, 0800-1600; Training Center: By: Donna Eiler Jones

Intended Audience: Supervisory personnel only.

This course is required for first-level supervisors needing training in basic supervisory ideas. The class, organized into the management functions of planning, organizing, directing, and controlling, will provide fundamental grounding in practical modern concepts of supervision. Topics to be covered are introduction, leadership, planning and organizing, problem solving and decision making, motivation, communication, resolving interpersonal conflicts, delegation, NAWC/NAWS personnel management, and a workshop summary.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

TEAM PROBLEM SOLVING TOOLS (8 hrs.)

8 December; Tuesday, 0745-1615 (note the unusual time); Training Center: By: Bob Huey, Code C84

Intended Audience: Employees currently (or scheduled to be) involved in Team Problem Solving in CIATS, TIS, PITS, PATS, Quality Circles, Teams, Committees, Quality Boards, etc.

Acting as a problem solving team, the participants will learn specific tools, practice their use, determine when and why to use certain tools, develop an understanding of the use of hard and soft data, and understand techniques used by facilitators, group leaders, or self-managed teams. Emphasis will be placed on USING brainstorming and NGT techniques, cause and effect diagramming, and multivoting; LEARNING about Pareto charts, flow charts, scatter diagrams, why-cause pursuit, force-field analysis, and other easy to apply tools; UNDERSTANDING when to apply each tool and APPLYING the tool appropriately. Members should bring a real

problem to class so they can choose various tools and apply them to their issues.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

WRITING STATEMENTS OF WORK (8 hrs.)

17 December; Thursday, 0800-1600; Training Center: By: Mona Bonbright, Code C655

Intended Audience: Employees responsible for initiating a contract or delivery order.

Course Objective: To give the student practical and current guidance in writing Statements of Work for pending contracts or delivery orders.

Course Objective: The student will be given the latest government and NAWC guidelines in writing a Statement of Work (SOW). This course will help you to build your SOW writing skills through low-risk-in-class exercises. Also, you will receive a current list of people in the Procurement Department available to provide you with personal assistance in the preparation of your SOW and the other documents which comprise the Acquisition Requirements Package (ARP). Information will also be provided on the advantages of using the newly developed ARP Team process.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll, call 939-2686. If you have any questions, call Mona Bonbright at 939-3838.

EFFECTIVE COUNSELING AND INTERVIEWING (16 hrs.)

16-17 December; Wednesday-Thursday, 0800-1600; Training Center: By: Bert Barer

Intended Audience: Supervisors and managers.

Course Objective: To provide supervisors with the latest practical skills in interviewing, allowing them time-saving techniques in evaluating a job applicant or a subordinate. Workshop participants will acquire interviewing techniques that allow (1) optimum, useful information for the supervisor in interviewing job applicants and subordinates; (2) effectiveness in these types of interviews: Job Application, Performance Evaluation, Disciplinary, and Exit; (3) establishment and maintenance of rapport in a climate of cooperation.

The class schedule will cover the following topics:

- How to prepare for the interview and design interview goals.
- How to manage the conversation.
- How to start and end smoothly.
- How to deal with difficult interviewees.
- How to cope with similarities and differences in a variety of interview types.
- How to evaluate the effectiveness of the interviews.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

SUPPORTIVE CONFRONTATION (16 hrs.)

14-15 December; Monday-Tuesday, 0800-1600; Training Center: By: Mary Ann Gallagher

Most people are concerned about initiating a confrontation for fear of the outcome maybe for fear of reprisal, for fear of hurting someone else's feelings, or for reluctance to take responsibility for making changes. The purpose of this workshop is to agree on a model for supportive confrontation and to practice skills necessary to carry it out. Participants will examine conditions necessary for supportively confronting someone else's behavior. Participants will discuss judgment, advice, and analysis of others. They will practice active listening, making observations and giving complete messages. They will discuss personal support they need for themselves around a confrontation they expect to make. The workshop will also touch on what participants can do if they unexpectedly find themselves being confronted.

Note: Enrollments are on a call-in basis only (first-to-call, first-to-be placed). To enroll or ask questions, call 939-2686.

KALMAN FILTERING (24 hrs.)

9-11 February; Tuesday-Thursday, 0800-1600; Training Center: By: Anthony Terrameo, Pt. Mugu

The purpose of this class is to give engineers, physicists, and mathematicians an introductory course in the Kalman filter. This class will introduce the Kalman filter from the digital filter theory perspective rather than the traditional approach of using statistical theory and the advanced methods of state spaces and linear systems.

Note: A background in calculus, basic matrix theory, and basic probability theory is required for this class.

Deadline: 26 January.



Unless otherwise noted, enroll in the following classes by submitting NAVWPNCEN 12410/73 (Rev. 12-88), Request for On-Center Training, via department channels to Code C622. (Code C622)

FOCUSING STRESS TO MAINTAIN HIGH PERFORMANCE (16 hrs.)

1-2 December; Tuesday-Wednesday, 0800-1700; Training Center: By: Bob Huey

The objective of this program is to be empowered by stress instead of overpowered by it. Participants will learn to identify their sources of stress that are induced by people or events. Participants will learn tolerance techniques, solution techniques, and ways to build long-term stamina.

Presentation Method: Workshop
Deadline: 23 November.
To enroll, send an On-Station Training Request to C62206. Point of contact is the Wellness Program Office, 939-2468.

BASIC ELECTRONICS FOR TECHNICIANS (40 hrs.)

4-8 January; Monday-Friday, 0800-1600; Training Center: By: Peter Hicks, Consultant

This course provides the student with knowledge of DC circuit components, circuit analysis, and hands-on measurements of DC circuits. These calculations and hands-on measurements include resistance, voltage and current measurements of DC series, and parallel and series/parallel circuits. The student will develop theoretical and practical skills in voltage divider networks commonly used in electronics. The practical laboratory exercises are used to support the theoretical information. Quizzes, written, and practical evaluations are provided as required or requested.

Deadline: 21 December.

WEAPON SYSTEMS INTEGRATION (40 hrs.)

4-8 January; Monday-Friday, 0800-1600; Training Center: By: Dave Lynch, Dr. Tom Robinson, & Dr. David Shingledecker, Consultants

Intended Audience: Engineers, programmers, and managers who have experience on modern weapon systems and need to expand their knowledge of system level integration.

The principal objective of this course is to update practicing engineers in the new and evolving technologies used in weapon systems integration. Specific learning objectives for the course are as follows:

Overview weapon systems effectiveness analysis and learn its impact on evaluating weapon systems integration process.

Acquire an understanding of technologies impacting weapon components design and how these new technologies will affect integration in new weapon systems.

Develop knowledge and skills in digital avionics.

Deadline: 21 December.

NAVY CONTRACTS MANAGEMENT (24 hrs.)

11-13 January; Monday-Wednesday, 0800-1600; Training Center: By: Al Cahill & Kris Kristensen, Consultants

REQUIRED FOR ENROLLEES IN THE TMC PROGRAM.

This course provides the Navy technical manager with an overall understanding of the acquisition process from planning for a solicitation through contract closeout. It concentrates on key activities required to award and administer a Navy contract. Included are topics such as acquisition planning, types of contracts, requests for proposal, source selection, contract modifications, contract administration, and contract completion.

Deadline: 28 December.

INTRODUCTION TO TELEMETRY (32 hrs.)

19-22 January; Tuesday-Friday, 0800-1600; Training Center: By: Byron Eddie, Consultant

Prerequisite: Participants in this course should have sufficient technical background to understand the material presented. This background is normally possessed by engineers, scientists, technicians, and technical managers.

This course is designed to teach the principles, techniques, and applications of modern telemetry and data communication systems. It presents the theory of information transfer and its application to electronic communication, including a comprehensive and comparative study of the various techniques used. This background material is then applied to telemetry and telemetry systems. Case studies will illustrate range telemetry as used by the purchasing agency.

Deadline: 5 January.

Rice Bowl
CHINESE RESTAURANT
ALL YOU CAN EAT
Lunch Buffet
\$4.95

Mon-Fri. 11:00 am - 2:00 pm

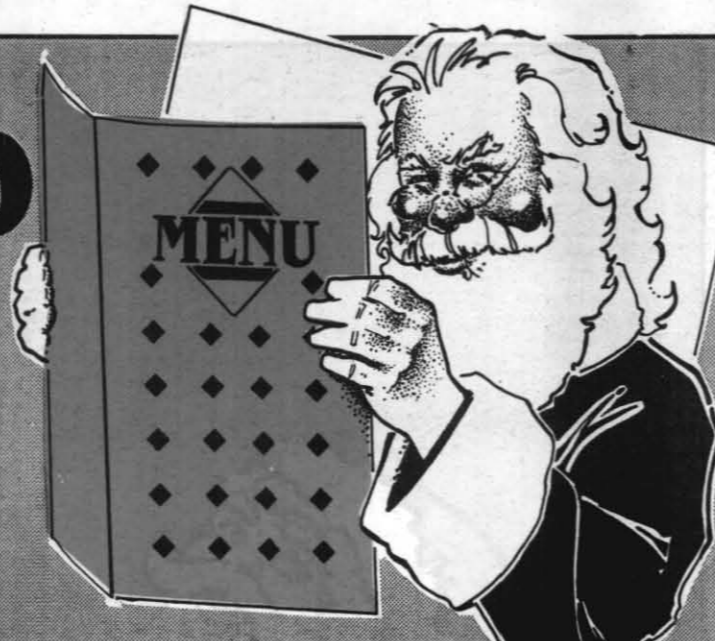


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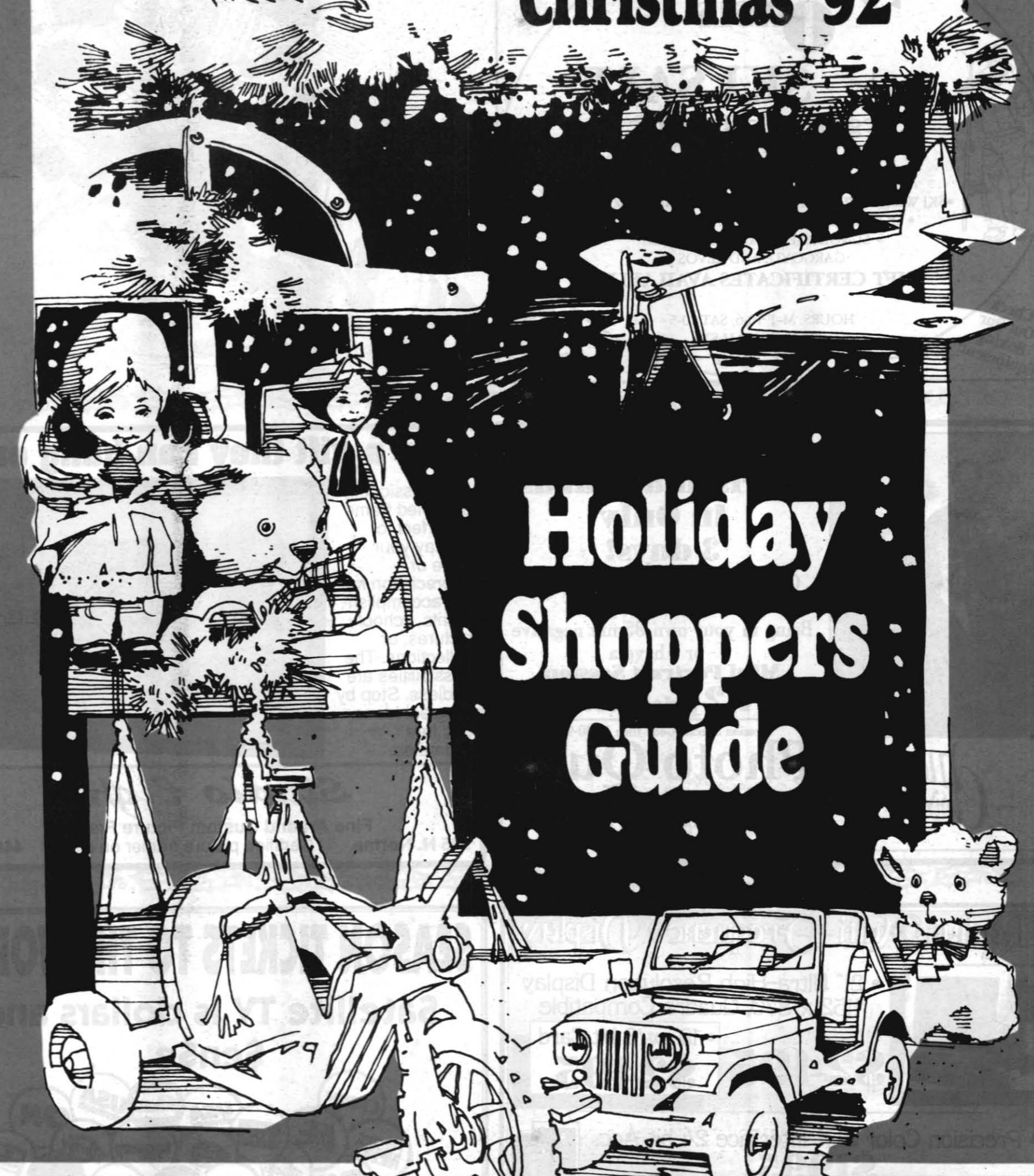


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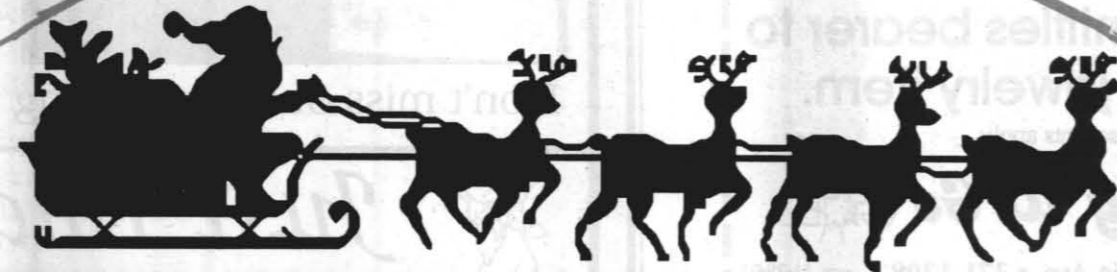
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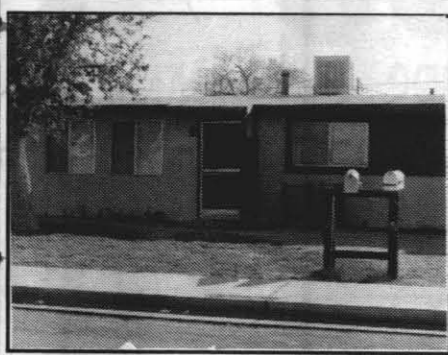
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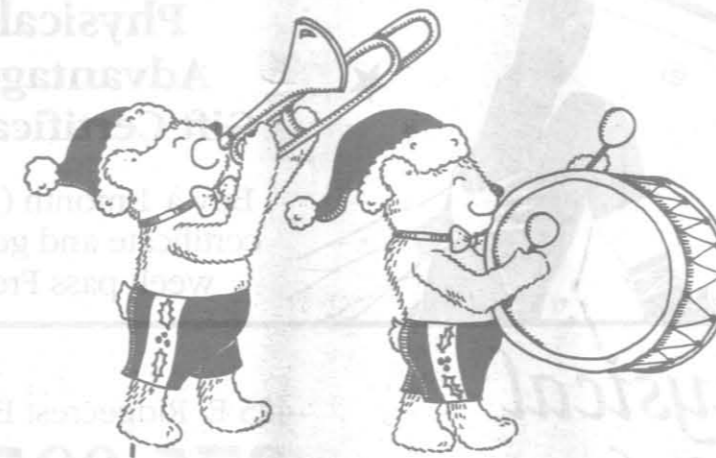
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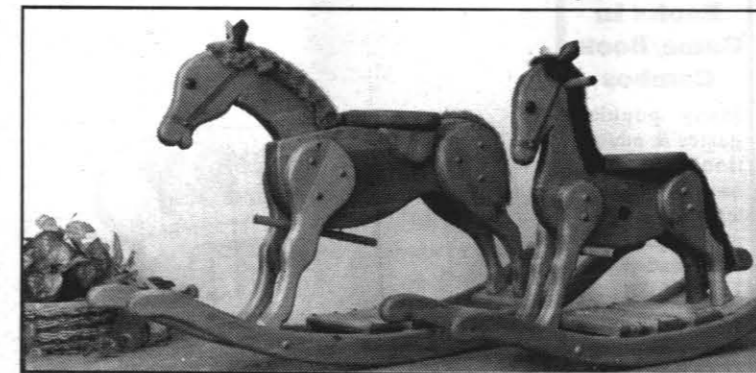


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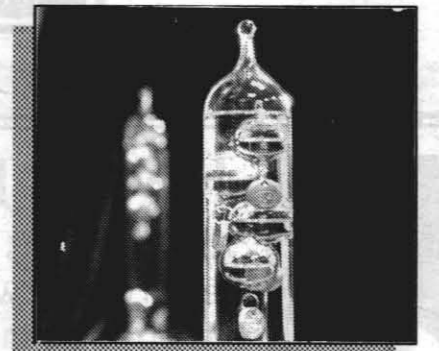
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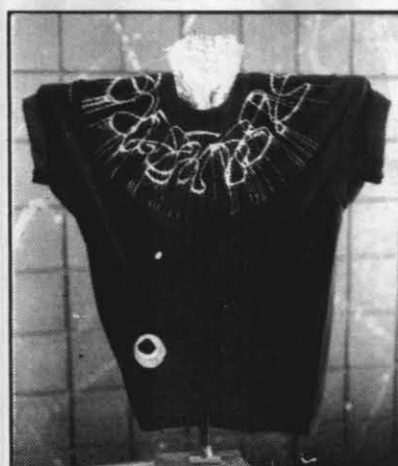


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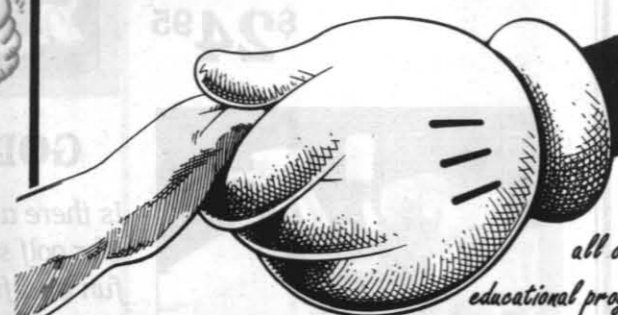
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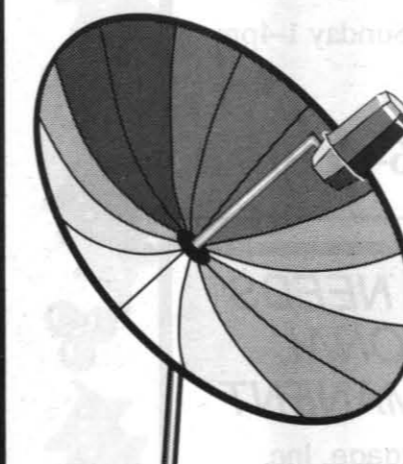
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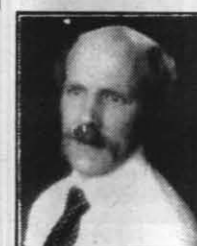
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