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EXCELLENCE GUARANTEED

THE ROCKETEER

THURSDAY, NOVEMBER 12, 1992

NAVAL AIR WEAPONS STATION, CHINA LAKE

Vol. 48, No. 45

Adm. Frank B. Kelso II

CNO addresses the troops, tours NAWS

By Steve Boster
Managing Editor

Speaking to nearly 1,000 sailors and officers from commands at China Lake, Adm. Frank B. Kelso II, Chief of Naval Operations, told them the U.S. Navy "has the finest sailors in what is unquestionably the finest Navy in the world."

Making the first visit of his long career to China Lake, Adm. Kelso noted the Navy does so much in so many places, around the country and around the world, it is hard to visit them all in one career or even one lifetime. His visit was the first official call at China Lake by an incumbent CNO in more than 10 years.

Personnel from the Naval Air Warfare Center Weapons Division, Naval Air Weapons Station China Lake, Air Test and Evaluation Squadron Five, Marine Aviation Detachment and Branch Medical Clinic attended. Capt. B.J. Craig, Commanding Officer, NAWS China Lake, introduced Adm. Kelso. The visit was hosted by RADM. William E. Newman, Commander, NAWCWPNS.

The upbeat talk was followed by a question and answer period, allowing anyone from the most junior sailor to the most senior officer present to ask questions of Adm. Kelso. His talk, like most of the questions, focused on what the future holds for the Navy.

Noting the one question on the minds of everyone is "where is the Navy headed," he said, "I am sure there is going to be a job for those of us in blue suits. It may change a little, but there will still be a job. We haven't solved all the world's tough problems."

Admiral Kelso also commented on the continued need for the work done at China Lake and Point Mugu, elements of the Naval Air Warfare Center Weapons Division, since the Navy will try to maintain its technological advantage in the years ahead.

"No doubt the size of the Navy will get smaller. But that's alright, we don't need as many aircraft and ships in today's world. We need to strike a balance. But, we can't change the size overnight. It takes a long time to make that kind of change. We can change our ideas on how we use our resources. And we can improve the quality," said Adm. Kelso.

The CNO also noted the Navy's warfare focus is undergoing change. From an open ocean war fought against the former Soviet Union and its allies, the focus is shifting to a greater role in shallow waters near land where we have economic and political interests.

"How are we going to reshape our forces to meet this new requirement? We have made fundamental changes with less emphasis on ASW and attack submarines. We have downsized our nuclear capability by taking tactical nuclear weapons off ships and we are putting greater emphasis on command and control, operations ashore and working with our backs to the sea," said the CNO. He noted a recently released white paper entitled "From The Sea" addressed these issues and more.

Please see **KELSO**, Page 5

Great American Smokeout, Nov. 19

Smokers and smokeless tobacco users are urged to "kick" their habit for a day

7

Creative Auction set for the Seafarer Club

The VX-5 Officers Wives Club-sponsored event is set for 7 p.m. on Nov. 20

15

MWR held its annual triathlon last weekend

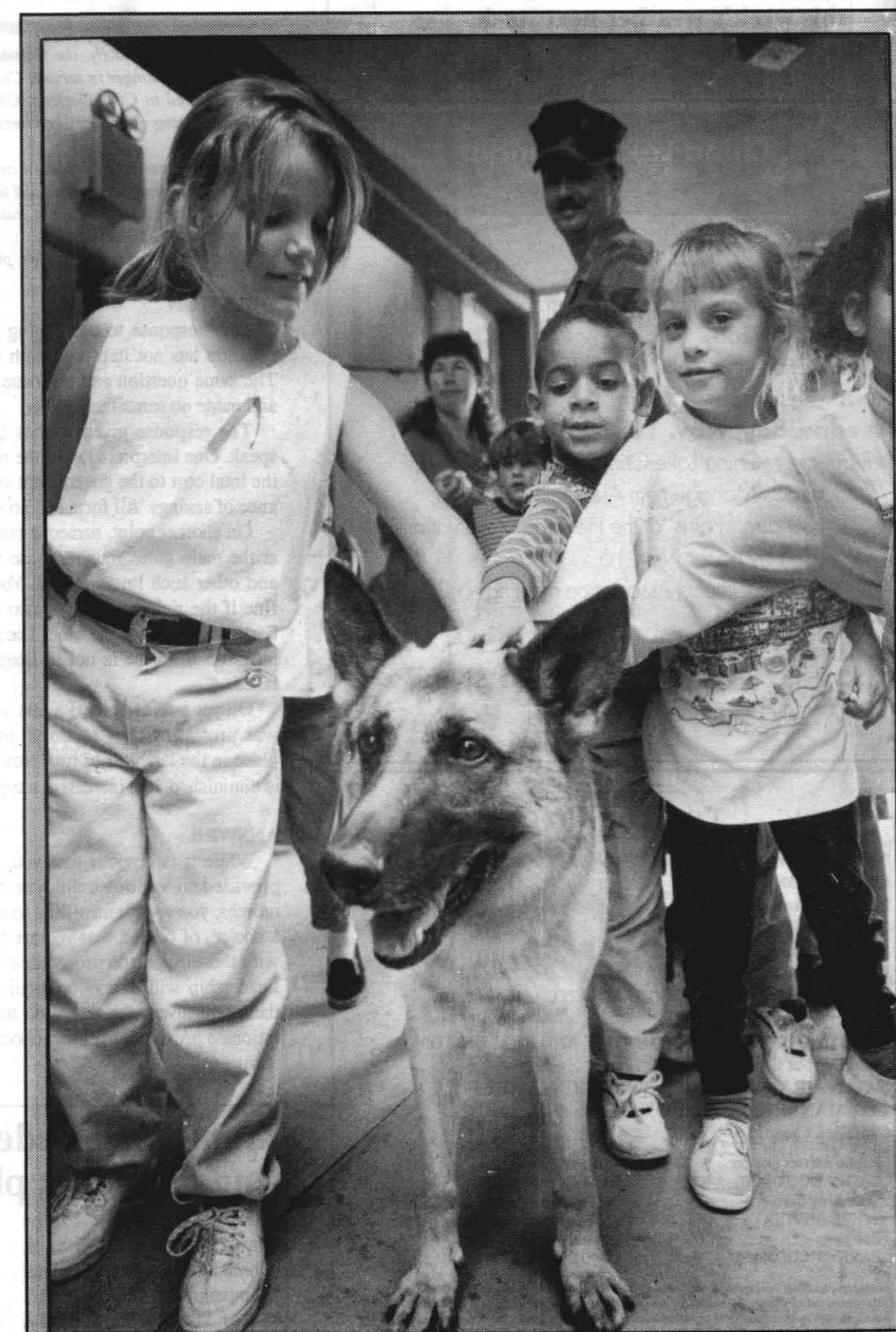
Team Hennigan breaks the old course record of 1:59:10 by 84 seconds

18

Leathernecks celebrate

RADM. William E. Newman was guest speaker at the Marine Corps Ball Saturday

3



SHOW STEALER—Cito, China Lake Police Department's military working dog, was a big hit with students at Vieweg School's recent safety assembly. See story on Page 10.

Photo by Terry Pascarella

Weather

Due to the Veteran's Day holiday, the weather for the past week was not available. We will run last week's and this week's weather next week.

China Lake Calendar

Tuesday, Nov. 17

- Bone Marrow Briefing, 1 to 2 p.m., Room 1000D, Michelson Lab
- DECNet briefing, 9:30 to 11:30 a.m., Room 1000D, Michelson Lab

Wednesday, Nov. 18

- Ridgecrest/China Lake Chapter of the National Contracts Management Association meeting, 11:30 a.m., Farris' at the Heritage. Reservations needed by noon, Nov. 16.
- IWV Retired Officers Association meeting, 6:30 p.m., Carriage Inn.

Saturday, Nov. 21

- China Lake Police Association vs. NFL Raiders Softball Game, 5 p.m., Knox Field

THE ROCKETEER

NAVAL AIR WARFARE CENTER WEAPONS DIVISION COMMANDER

RAADM. William E. Newman
VICE COMMANDER
 Capt. Douglas W. Cook
DEPUTY COMMANDER
 William Porter
DEPUTY COMMANDER FOR TEST AND EVALUATION
 Gerald Wrount
NAVAL AIR WEAPONS STATION CHINA LAKE COMMANDING OFFICER
 Capt. B. J. Craig Jr.

Public Affairs Officer
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 KATHI RAMONT

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The Commanding Officer's Desktop



Effective immediately, the Commanding Officer's Desktop phone line, 939-4127, is no longer in service. Commanding Officer's Desktop questions can be mailed to CO's Desktop, C/O Code C08033, NAVS, China Lake 93555, or, using guard mail, address the envelope to CO's Desktop, Code C08033.

Questions can still be sent in anonymously, but for a personal reply, please include your name, code and telephone number.

This change will produce a quicker turn around time for questions appearing in The Rocketeer.

If further information is needed, please call 939-3544.

QUESTION

Your response to the closing of Michelson Lab personnel gates question has not improved with age (The C.O.'s Desktop, July 16). The same question and response appeared a few months previously and made no sense then, either.

The response given sounds like so much bureaucratic double-speak. One interpretation of the response is that you don't care about the total cost to the government as long as you can create the appearance of savings. All form and no substance.

On another point, someone raised a question about traffic patterns at the main gate. Your response was that the design of traffic lanes and other such items is fine. You are wrong. The design might be fine if the rightmost one or two lanes for in-bound traffic were not barricaded most of the time. The problem is that the operation of the lanes on the base is not in keeping with the design of the traffic lanes.

On yet a third point, I agree wholeheartedly with the person who was protesting the "security" impediments that have been put in place in the last year or two. Now that the need for stringent security is diminished, it is increased, a typical bureaucratic action.

ANSWER

While it is obvious that you have closely followed the answers provided to various employee questions during the past several months, you appear unwilling to accept the answers provided. That is a choice, of course, that you are free to make as long as you comply with those rules and procedures made by leadership of this activity. Leadership will always be required to make difficult decisions and there will always be those, no matter how often or how logical the rationale provided, who will choose to disagree. I thank you for your input.

Combined Federal Campaign ends Sunday; pledges at \$202K

This Sunday, Nov. 15, the Naval Air Weapons Station China Lake Combined Federal Campaign for 1993 will end. As of 10 a.m. on Tuesday, Nov. 10, counted CFC pledges show 21 percent of the China Lake workforce participating, donating or pledging a total of \$202,000.

The goal for this year's campaign was 100 percent contact and increasing the participation percentage to above the 30s. Past records show China Lake participation percentage rate has ranged in the 30s. Last year's participation rate was only 33

percent. The amount donated was \$277,000.

Bob Huey, event chairman, isn't discouraged. "Not all the pledges have been turned in," he said. "In addition, not all of the pledges that have been turned in have been counted. We still have time."

Even though the official campaign ends this Sunday, Huey noted he will still accept pledge cards for the next couple of weeks. A detailed accounting of the participation rate and the amount donated will be published sometime in December or January.

Pages From The Past

November 12, 1982

One of NWC's UH-1N search and rescue helicopters was forced to land at Mt. Whitney Summit during an orientation flight, LCdr. Chip Lancaster was the pilot. . . Navy personnel had to partially dismantle the crashed UH-1N helo before it could be airlifted off Mt. Whitney. . . Richard Gagliardi earned the TD Award for his work on airborne battlefield jammer known as "Egg Nog". . . AO3 Tim Hilland AMS3 Mike Clenney won a Navy Commendation Medal for the rescue of a climber in Death Valley.

November 10, 1972

Frank Knemeyer and Leroy Riggs received Navy Meritorious Civilian Service Awards for the work as department heads. . . Michelson Lab Awards went to James Thelen, James A. Bowen, John Lamb, M.B. Sorge, Nadim Totah, Hal Bennett, Jack Latimer and Kenneth Specht. . . Peggy Rogers was among the speakers at the national Missile Transportation Safety Seminar held at California City. . . The annexation vote was 1,149 in favor and 1,173 against. . . Ray Freascher was named China Lake Athlete of the Month.

November 9, 1962

Captain Charles Blenman, CO of NOTS, is one of 40 riders retracing the 20-Mule Team Route from Boron to Death Valley on horseback. . . Former NOTS Chaplain James Carter is a featured speaker Sunday at All Faith Chapel. . . Cdr. Denman Knight reported to the Naval Air Facility as maintenance officer. . . Joe and Joyce Seibold of 408-B Thompson won "Home Beautiful" honors. . . More than 400 people attended the annual CPO Ball, held in the Community Center. . . The Navy officially recognized the IWV Metal Trades Council as a labor bargaining unit.

November 12, 1952

David K. Hart, of the Pasadena Annex won the Navy's highest civilian award in ceremonies at China Lake. . . Because of poor response, the Community Chest fund drive has been extended a week. . . El Toro blanked the China Lake Rockets in football, 46-0. . . 11-year-old Priscilla Montegrande will dance at the next Supervisor's Dance set for the Anchorage. . . Assistant Secretary of the Navy Herbert Askins visited NOTS last week. . . All employees of NOTS received wallet cards on A-Bomb defense with their paychecks.

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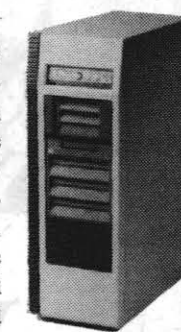
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This is an incredibly fast system. Ideal for workstation and large-server applications. Other configurations available.

*Only faster system we know of is this same system speeded up (e.g., with Local Bus & Local Bus VGA card).

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PERSONALS1
 LOST & FOUND5
 HELP WANTED10
 CHURCHES12
 SERVICES/SCHOOLS15
 RENTALS20
 REAL ESTATE25
 BUSINESSES30
 AUTOMOTIVE35
 MISC. FOR SALE40
 PETS & SUPPLIES45
 GARAGE SALES50

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 P.M. TUESDAY

1 PERSONALS

WANT SOMEONE to share driving. All or part way, round trip Ridgecrest-Amarillo, TX (on I-40) Depart 11/20 am, return 11/29. 384-4148, evs. (1112)

OWENS VALLEY game preserve. Pheasant hunting. Day hunts avail. Reservation a must. Military disc. (619) 764-2831. (1203)

WOULD YOU ENJOY attending IWV concerts with a tall intelligent gentleman? SWM, 43, blu/gra, protestant enjoys foreign films, portages, mountains, traveling, companionship. Ladies, brains, looks essential but no obsessive, compulsive behavior. Prefer artists, musicians or creative minds. Send note, photo, phone no. to Gustav PO Box 21, Inyokern. (1112)

5 LOST & FOUND

LOST: black/white long haired cat w/red collar. Area of Kearsarge Ave. (on base). Last seen approx. 3 weeks ago. 446-7286. (1115)

10 HELP WANTED

AVON NEW REPRESENTATIVES needed. Start today for the holidays! 30% guaranteed. Receive \$30 of top product for \$10. Call today! Jane, 384-2881. (1112)

12 CHURCHES

ARE YOU LOOKING FOR blood-bought church? A church that cares? A church that is spirit filled and led? If you answered, "yes" to more than one of these questions come worship with us. Skelinah Christian Fellowship, 1411 N. Downs, Service Sunday, 10:30 a.m., Bible study, Tues. 7:00 p.m. for prayer 375-3520. (11126)

15 SERVICES/SCHOOLS

DELUXE LANDSCAPING offers clean-up, yard renovations, sod, sprinklers, tree trimming, etc. Call for free estimate. No job too small. 377-4419. (1126)

NEED TO DO CHRISTMAS shopping, errands, grocery shopping BY YOURSELF? Drop-in Day Care \$1.50/hr. day or evening, Mon.-Thurs. Call Crystal 446-3448. (1112)

ROBERT EDWARDS PAINTING - Serving the area since 1979. Call for an estimate 375-1439. Lic. #427485. (1231)

20 RENTALS

HERITAGE VILLAGE TOWNHOME. 3BR 3 full BR, dbl. gar. \$875/mo. incl: D&D, frig, built-in stove M/W, D/W. With lease + \$25/mo. extra add use of pool, spa, clubhouse, tennis. Avail. about Dec. 1. No smokers. Req. \$300 sec. dep. Call/vt msg: 377-4043 (1112)

20 RENTALS

MODERN, clean, 1BR w/walk-in closet, stove, refrig., microwave, pool, on-site laundry, W/T paid. \$325/mo. + dep. Call 371-4984 after 5 p.m. (1126)

2BR APT w/d hookups in gar. ceiling fan, G/D, D/W, fenced-in backyard, FP. 371-2238 or 371-5071. (1203)

2BR APT. UPSTAIRS. Small yard & balcony, D/W, G/D, refrig., garage, \$425; \$400 w/9 mo. lease. Also have 3BR APT. Call Dave 384-3283. (1119)

40 MISC. FOR SALE

KING SIZE WATERBED - Padded rails, mirrored headboard, Sears mattress, good cond. \$250 OBO for all. 377-4419. (1126)

EXTRA LARGE Teakwood stereo cabinet, medium in color, great cond. \$450 OBO. Also extra large Teakwood china cabinet, medium color 2 piece \$500 OBO. 2 pair of Sansui wood speakers, one pair \$100. other \$175. All items in great shape. 446-3376. (1119)

40 MISC. FOR SALE

16 FT. ALUMINUM boat \$400. 377-4014. (1112)

45 PETS & SUPPLIES

BABY COCKATEILS - \$20 and up. You can hand feed or I will. 377-4419. (1126)

POT BELLIED BACK & WHITE mini registered male & female piglets. Five at \$250-\$600 each. 377-5807. (1126)

CHINESE SHAR PEI, female, no papers, chocolate/blue, lots of wrinkles, 3 yrs. old, \$200 OBO. 446-4689. (1126)

MALE POT BELLIED PIG \$200 OBO. 377-4014. (1112)

50 GARAGE SALES

2 FAMILY GARAGE SALE - Misc. household items. 424 Ashworth (on base) Sat. 14th & Sun. 15th, 8 a.m.-? (1112)

DEADLINE FOR ALL CLASSIFIED LINE ADS IS 4:30 P.M. TUESDAY

SSUSD sets free textbook giveaway for November 17

Surplus and obsolete textbooks and miscellaneous related materials will be given away to the public on Tuesday, Nov. 17, between 7:30 a.m. and 12:15 p.m., and between 1:15 p.m. and 4:30 p.m., by the Sierra Sands Unified School District.

The materials are at the district office, 113 Felspar St. Access is at the south entrance of Hut 1. Cartons and sacks will be in limited supply.

Potentially hazardous conditions make it necessary to limit access to adults only. For safety reasons, children should remain at home.

Anyone who cannot come on Nov. 17 may arrange to see the remaining materials after that day by calling Ruth Dietrich at Media Services, 375-7161.

55 Alive/Mature Driving courses scheduled

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.

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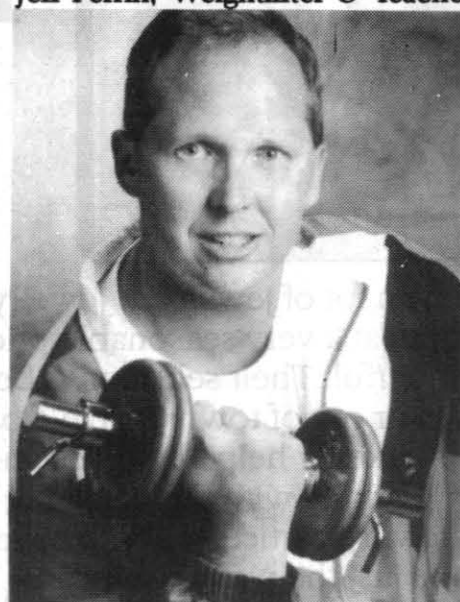
Gallbladder Surgery on Friday Pumping Iron by Sunday

Jeff Ferrin, Weightlifter & Teacher

Jeff Ferrin put off his gallbladder surgery for months because he didn't want to miss his work-outs. And thanks to a new technique called laparoscopy, he didn't have to.

At 7:30 s.m. on Friday, his doctor made four tiny incisions, using specialized fiber-optic and laser tools. He was home that afternoon, walked nearly a mile the next day, and lifted light weights on Sunday.

Laparoscopy is now available for gallbladder, hernia and several other types of surgery - even hysterectomies.



To learn how this technique can reduce the pain and get you back on your feet in days, just call (805) 274-0900

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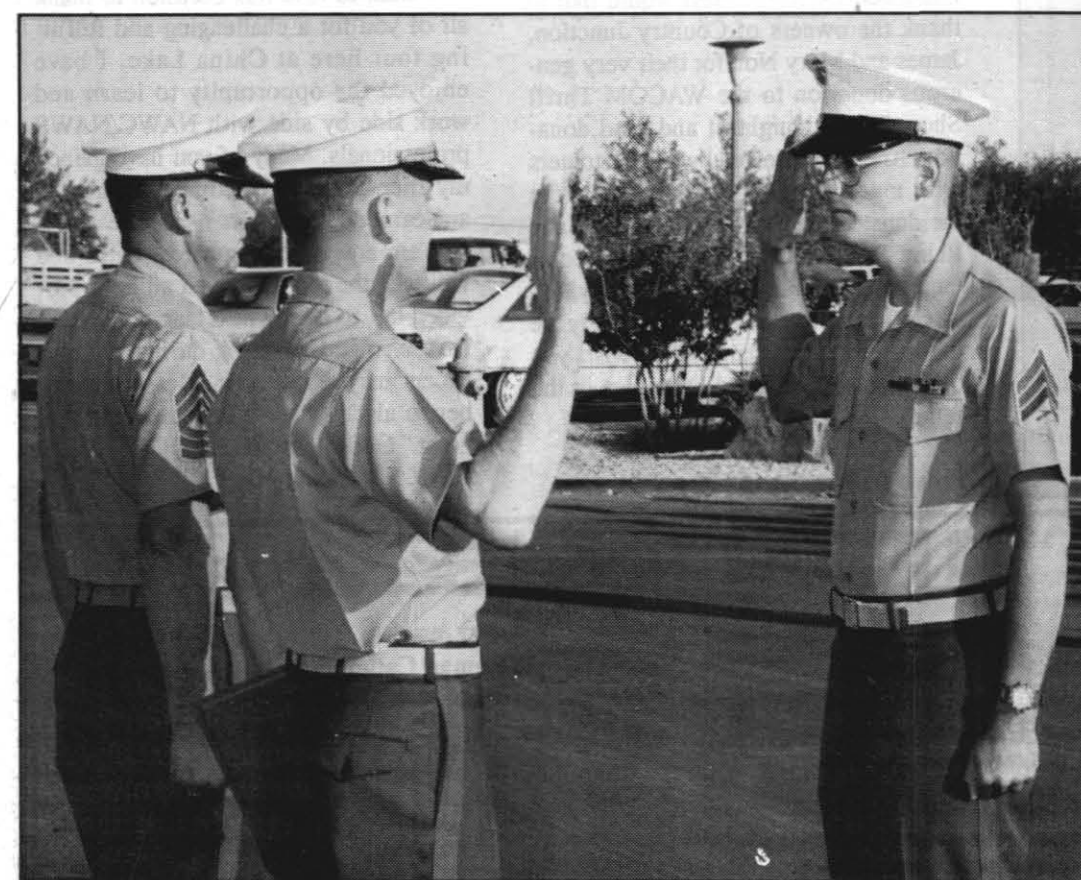
Just trade in your present portable logic analyzer, spectrum analyzer, or high performance oscilloscope anytime before January 31, 1993. And we'll give you a 20% credit toward an upgrade to one of HP's new state-of-the-art instruments.

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Marine Corps Ball, other festivities mark the 217th anniversary of the Corps



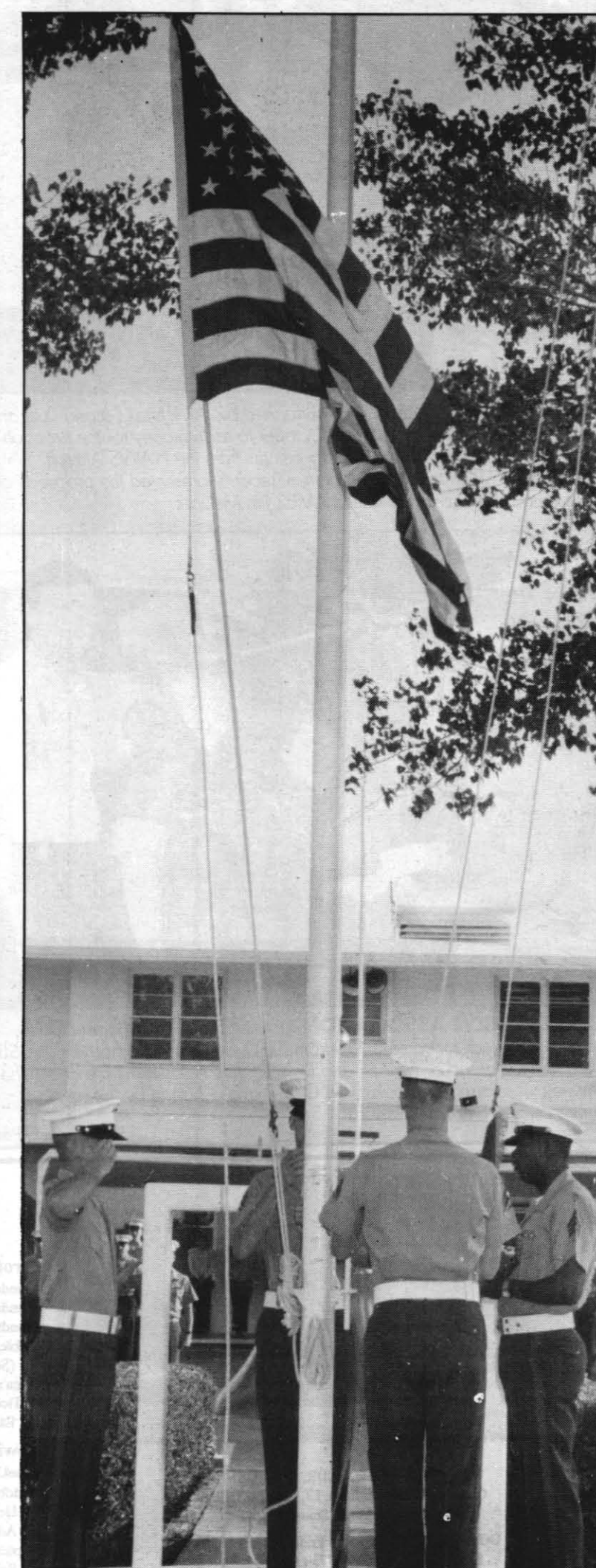
TRADITIONAL cake cutting at the Marine Corps Ball was performed by Marine Aviation Detachment Commanding Officer, Col. Richard W. Chambliss. The first piece went to guest of honor RAdm. William E. Newman, Commander, Naval Air Warfare Center Weapons Division (on the colonel's right). The second piece went to the oldest Marine present, CVWO4 William Porter (far right), and the third, to the youngest Marine, LCpl. Clifford Storm (far left). Sergeants Rouse and Davis served as cake escorts.



REENLISTMENT AND FLAG RAISING—On Tuesday, Nov. 10, the actual birthday of the Marine Corps, Sgt. Daniel P. Rouse was reenlisted for four years by Col. Chambliss, after the morning's special flag raising ceremony at the Headquarters Building conducted by members of the detachment.

Photos by Terry Pascarella

MILITARY NEWS



Melzark fund still growing...



YARD MAINTENANCE was performed by AK1 Max Escano (left) and AS2 Yekiam Kwan (right) during October to raise money for the Brandon Melzark Heart Fund. The two petty officers from the NAVS Aircraft Intermediate Maintenance Department recently presented the proceeds of their efforts to Baby Brandon's father, AME2 Jim Melzark.



FLEET RESERVE ASSOCIATION representative, PHC Roger Hadley, accepts a check for some \$480 from CLPD Officer Patricia Saylor, AMS3 Ronald Hartleroad of the ASF and Darrell Johnson, assistant fire chief. The money was raised at a bake sale Oct. 2 and 3 hosted by the Law Enforcement and Fire divisions.

Photos by Terry Pascarella

Navy Exchange offers Turkey Dinner raffle

For only 50 cents, China Lakers, military and civilian personnel, can participate in the Naval Air Weapons Station China Lake Navy Exchange Turkey Dinner Raffle. The dinner, consisting of a 15 to 18 pound turkey, stuffing, cranberry sauce, two vegetables, dinner rolls, a pumpkin pie and a bottle of white wine (alcoholic or non-alcoholic, depending on winner's choice and age), will be delivered to the winner's home.

Entries can be purchased at the Main Exchange, for military members only, or at any one of the four NEX cafeterias (military and civilian) located onboard NAWS China Lake from now through Nov. 15.

There is no limit to the number of entries allowed per person.

The drawing will be held Nov. 16 and the winner will be notified that afternoon.

CHAMPUS catastrophic cap began accumulating again on October 1

The "catastrophic cap," or limit on how much service families will have to pay for CHAMPUS-covered medical bills in a fiscal year, started over again on Oct. 1.

The cap helps protect families from catastrophically high medical expenses. Presently, it's \$1,000 for active-duty families, and \$10,000 for all other CHAMPUS-and CHAMPVA-eligible families.

The cap applies to the amount of money needed to meet the family's annual deductibles for outpatient care, and cost-shares for both inpatient and outpatient care, based on CHAMPUS allowable charges for covered care received in any one fiscal year. When a family reaches the cap in a fiscal year, CHAMPUS then pays all additional allowable costs for covered care for the rest of that fiscal year.

Charges for care not covered by CHAMPUS, or charges beyond those CHAMPUS determines to be reasonable, or "allowable", are not capped; they must be paid in full by family members or their sponsors. Also, cost-shares and deductibles paid by families under CHAMPUS' Program for Persons with Disabilities (formerly called the Program for the Handicapped) are not counted toward the cap.

Letters

WACOM thanks

The Women's Auxiliary of the Commissioned Officers' Mess would like to thank the owners of Country Junction, James and Mary Noh for their very generous donation to the WACOM Thrift Shop. Their thoughtful and kind donation has been received by our customers with much delight. All proceeds from the donated goods go towards the Navy Relief Society and the Ridgecrest community. Your kindness will aid many!

Country Junction will certainly be missed in the community. We wish you both much success and happiness in the future.

Sue Moulton, WACOM President
Fran Fletcher, Thrift Shop Supervisor

Chief Adam thanks

All Hands:

I want to take this occasion to thank all of you for a challenging and fulfilling tour here at China Lake. I have enjoyed the opportunity to learn and work side by side with NAWC/NAWS professionals. Many of you have gained my friendship, received my instruction, and earned my respect.

I am now changing career paths and will take the tools that you all have provided me, to do my next task. I wouldn't have changed anything during my tour except maybe my rank. Please remember to always "leave it better than you got it." God Bless You All.

ACC(AW) Rick Adam

All Faith Chapel Services

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Protestant

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

Jewish (446-4152 Messages)

Weekly Services, Friday, East Wing 7:30 p.m.
October through June
Hebrew Classes, Saturday, 1902 Dibb 2-5 p.m.
Adult Education, Saturday, 1902 Dibb 10 a.m. - noon
September through June
Religious School, Sunday, 1902 Dibb 9:30 a.m.-12:30 p.m.

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
Daily Mass, Blessed Sacrament Chapel 11:35 a.m.
Confessions, Sundays 8:15 - 8:45 a.m.
Confessions, Weekdays By appointment
Religious Education Classes, Sunday (September thru May) 1902 Dibb, 1002 Blandy, 1008-10 Blandy & 1903-05 Mitscher 10:15 a.m.
Adult Education Classes, Thursdays (September - May)
St. Ann's School Library 7:00 - 8:00 p.m.
RCIA, St. Ann's School Library 8:15 - 9:45 p.m.
Islamic
Jumaa Prayer, Friday (1002 Blandy) 12 noon

COMMUNITY EVENTS

Tonight, the China Lake Photographic Society will present a slide program on "The Beauty of Nature, Throughout the Seasons." The show, presented by Barbara Baranski, a local wildlife and nature photographer, begins at 7:30 p.m. at the Kern County Library (side entrance). Baranski will focus on diversity in nature in the national parks. This free program is open to the public.

#

Veronica Stemmer, Debra Veit and Rozanne Paxman will perform solo parts in the Desert Community Orchestra performance conducted by Maestro Bogidar Avramov on Nov. 14 in the Cerro Coso Community College Lecture Center. Beginning at 8:30 p.m.,

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Maestro Avramov will present a technical analysis of the music, following with the orchestra's presentation of Bach's Brandenburg Concerto #4 and Mendelissohn's 5th Symphony.

#

Members of the High Desert Quilt Guild of Ridgecrest will hold their first anniversary quilt show, entitled "Stitches Thru Time," at the Seafarer Club from 10 a.m. to 5 p.m. on Saturday, Nov. 14. Approximately 65 quilts will be on display, and vendors from throughout the state will be on hand, selling specialty fabrics, quilt supplies, crafts and gift items. A quilt appraiser will also be available to appraise any quilt for dating and insurance purposes. Attendees will have a chance to win two quilts made by guild members.

#

Final performances of "The Diaries of Adam and Eve" will be staged at Farris' at the Heritage this Friday and Saturday, Nov. 13 and 14. The Community Light Opera and Theatre Association ends its 1992 live-theatre season by presenting this two-person comedy along with an appetizing buffet dinner. Doors open at 6:30. Tickets for these performances are available at the Village Book Shelf, 901 N. Heritage Dr., Ridgecrest, 446-7323. The \$20 admission (\$35 for two) covers both play and dinner.

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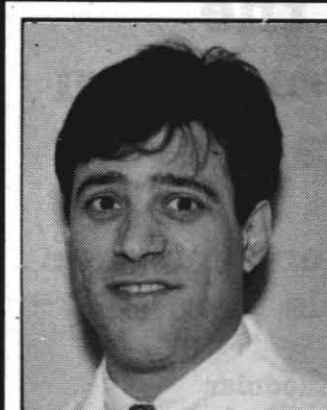
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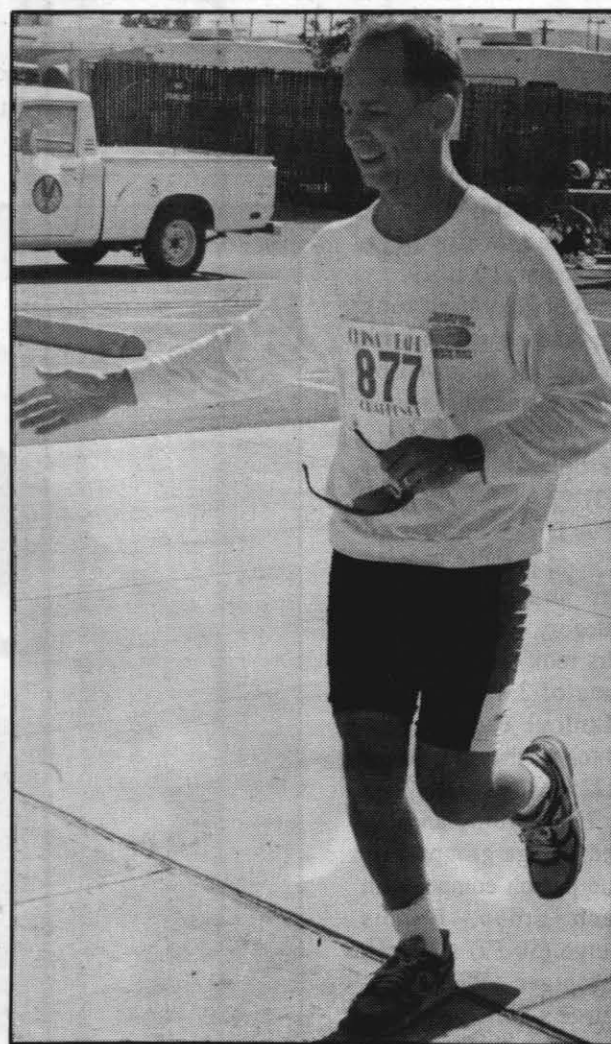
MWR, from Page 19

the winners during an awards ceremony.

"It was a good race," said Karen Rivers, event coordinator and manager of the NAWS China Lake gymnasium. "Special thanks go to all the volunteers who helped make this event a success, especially Tom and Dawn Cody and Frank Foust, the triathlon committee's chairpersons."

Rivers also extended her thanks to Tony Verkuyl and the NAWS China Lake Fire Division, who provided medical backup.

"Without their help, this event couldn't have been held," Rivers explained. "In addition, I would like to thank SATO Leisure Travel, T.J. Frisbee's and Hinkley:Schmitt for their sponsorships, helping with some of the expenses of this event."



RUNNER gratefully accepts a hand at the finish line.

Turkey shoot set for Nov. 21

On Saturday, Nov. 21, the China Lake Women's Golf Club will sponsor an All Hands Turkey Shoot at the Naval Air Weapons Station China Lake Golf Course, with an 8:30 a.m. shotgun start. Entries close Nov. 18. Entry fee is \$10 each, not including green or cart fees. This will be a three best balls of foursome tournament (net).

Foursomes will be established by drawing from "A," "B," "C" and "D"

handicap categories. Ladies will play red tees, while the men will play the white ones.

Mulligans will be sold for \$1 each, limit one. There will also be an optional buy-in for \$20 a team. The buy-in will pay the first five places. Additional cash prizes will be available.

Entrance forms are available at the NAWS China Lake Golf Course Pro Shop.

Youth soccer scores reflect hard play

Close scores reflected hard play in last week's Naval Air Weapons Station China Lake Youth Soccer League games.

The Express beat the Tigers 1-0 in Division I action due to effective goal keeping by Janelle Pipkin and a goal by Matthew Mossberg. Goalies Ryan Barney and Tommy Satele kept the Express from running away from the game.

In other Division I play, the Wolves beat the Owls 2-1. Brett Yokata and Chris Huthmaker kicked in the winning goals, while excellent team work and good passing resulted in victory. The Owls did not turn in a score sheet.

In Division II action, the Cobras shut

out the Surf 1-0. Michael Sheffler knocked in the game's only goal. Brian Haugen's five goals, along with Travis McGill's one goal, gave the Sockers the win over the Drillers 6-2 in Division III action. The Sockers dominated play due to efforts by Tim Witt, Cara Beasley and Julie Bloudek. The Drillers did not turn in a score sheet.

Neither team in Division IV could get the upper hand as they tied 3-3. Chris Brown made two goals for the Red Devils, while Chris Maki kicked in one. Booting in goals for the Blue Devils were Aaron Marshall, Jason Edgren and Jason Hickie.

China Lake Ski Club schedules its final membership drive meeting for 1992 season on November 17

Members of the China Lake Ski Club have set their final membership drive

meeting of the season for Thursday, Nov. 17, 6:30 p.m. at John's Pizza in Ridge-

crest. The club is open to all military, civilian and contractor personnel. Any-

one interested in the Ski Club is invited. For information call 446-5049.

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KELSO from Page 1

He pledged to continue efforts to assist junior sailors make ends meet. The CNO noted large pay increases were not likely, but increased efforts to provide more housing to junior enlisted sailors was a more likely way to provide needed help quickly. He added the Navy will continue to offer child care for its members as funds allow, but noted military parents, in particular single parents, need to figure out how long-term care will be provided when it comes time to deploy aboard ship.

Another area of interest to the officers and sailors hearing Adm. Kelso speak was the personnel impact of military drawdowns. The CNO stressed his plans to keep the deployment schedules about the same to enhance the quality of life. This may mean the Navy, as it gets smaller, will be in fewer places at the same time with fewer ships. In addition, he noted they would continue to offer and implement programs designed to get senior, retirement-eligible, personnel to retire so advancement opportunities would exist for the officers and sailors coming up the ladder. This, to date, has been done successfully without the necessity of a forced reduction in force, also known as a RIF.

Another downsizing issue addressed by Adm. Kelso was how many aircraft carriers the Navy needed. "I'd like to

stay at 12. But it may be 10 or 11. We have to have enough to maintain the rotation schedule in peacetime. To be continually deployed in a peacetime environment causes morale problems," he said.

Along with the number of carriers came a question about future aircraft. The CNO said "we must continue to have a modernization program or we won't have planes in 30 years."

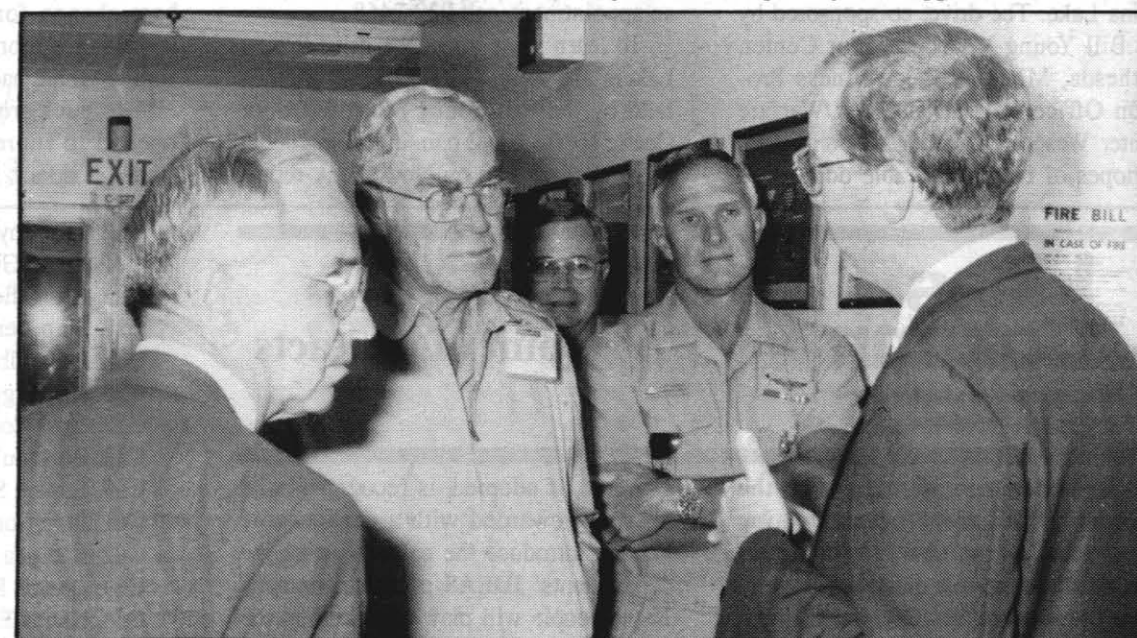
He also recognized the Navy will not be able to afford an all exotic aircraft mix with all of them stealthy. What the Navy and the Air Force are looking at, with a joint AFX program, is a new plane capable of replacing several existing types. For example, the AFX might eventually, in different configurations, replace the A-6E, the F-15E, the F-111 and the F-117.

Addressing problems everyone in the Station Theatre had read or heard about, Adm. Kelso said social changes needed in the Navy is a key challenge to be met.

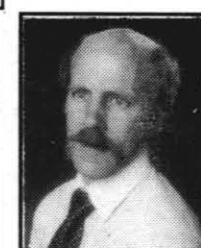
The CNO said there are several social problems the Navy must deal with, "problems we must stamp out of our Navy. We do have a problem with how to deal with sexual harassment. We still have problems with racial discrimination and alcohol abuse remains a problem for some of our people. Those of us in leadership roles must train our people to end these problems. We have in the past and we will in the future, lead the way to

change. We must treat all with dignity and we must live to a higher standard."

After his talk the admiral toured several technical areas. He was briefed on the hardware-in-the-loop simulation facility, Sidewinder AIM-9X, on-going work in superconductivity, CL20 (an explosive) synthesis, WEPTAC, the test and evaluation range facilities and weapons system support activities.



TOUR STOP—Arlo Mickelsen (right), head of the Missile Systems Division, briefed Admiral Kelso (second from left) about the hardware-in-the-loop simulation facility. Bill Porter, NAVWCWPNS Deputy Commander for R&D; Capt. Douglas W. Cook, Vice Commander; and Adm. William E. Newman, Commander, accompanied the admiral and his entourage to a variety of technical facilities on Station.



Jewelry Jottings

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Wellness Corner

By Betty Miller
Wellness Coordinator

There will be a Bone Marrow Donor Drive on Dec. 8 from 8 a.m. to 3 p.m. at the Branch Medical Clinical located onboard the Naval Air Weapons Station China Lake. The drive, co-sponsored by the Bill Young Marrow Donor Center, Bethesda, MD, and the Wellness Program Office of the Naval Air Warfare Center Weapons Division, is being held in hopes of finding suitable donors for

Bone marrow donor drive, December 8

thousands of patients suffering from a fatal blood disease, such as leukemia or aplastic anemia.

Appointments are necessary. To make an appointment, call 939-2468.

To learn more about the drive, China Lakers are invited to attend the briefing held by the Bill Young Marrow Donor Center set for 1 to 2 p.m. in Room 1000D of Michelson Lab on Nov. 17. A repre-

sentative from the donor center will talk about the DoD National Marrow Donor Program and explain the process of becoming a bone marrow donor.

All active duty military personnel, their immediate family members and Department of Defense employees are eligible to donate. All donors must be between the ages of 18 and 55 and be in general good health.

A person's bone marrow is inherited in the same way hair or eye color is. The best chance for a minority to find a matching donor is with someone of a similar ethnic background. Persons of all ethnic backgrounds are desperately needed to increase the likelihood of finding a donor.

To be tested, participants must donate four small tubes of blood, which will be sent to the Naval Medical Research Institute in Bethesda, MD., where it is typed and entered into the National Registry. If a potential donor is located, the donor will be asked to undergo more extensive blood tests to confirm the donor's eligibility as a compatible donor.

All eligible personnel are encouraged to participate and possibly give someone the gift of life, said Pat Oliver, the China Lake Wellness Program Office coordinator. At the present time, only 30 percent of patients who need bone marrow transplants find suitable donors. Through this drive, we hope to increase the only chance these patients have, Oliver said.

C025, Tammy Tucker, 927-1696
C21, Joann Griggers, 939-5333
C25, Pat Nalley, 939-3100
C27, Skip Bennett, 939-7452
C28, Lee Gilbert, 927-1685
C29, Dee Riggs, 939-4750
C32, Opal Coughlin, 939-6038
C33, Bob Mullins, 939-9200
C39, LuAnn Schoen, 927-1304
C61, Judy Sorenson, 939-3917
C62, Lucinda Lundin, 939-3371
C63, Dennis Rowell, 939-4681
C64, Nancy Elson, 939-2266
C65, Jeanne Angle, 939-0845
C82, Linda Beech, 939-2997/8819
C83, Sharon Smith, 939-2382
C84, Donna Pettit, 939-2550

C85, Nina Semingson, 939-6104
C86, Cheryl Hays, 939-2010
C87, Lorraine Savoy, 939-5405
VX-5, Lt. John Lawless, 939-5500

If you have a question or need any information about the IDEAS process give us a call at 939-2311, or E mail - SCF::IDEAS, or QuickMail - "IDEAS."

These are the latest IDEAS submitted:

No. 519, Equipment Warehouse. Larry deFluiter proposes a warehouse process for storing, advertising and re-using unused test equipment.

No. 520, Night Light Installation.

Please see IDEAS, Page 8

Ideas Column

By Bruce MacIntosh
IDEAS Office

Two weeks ago we discussed the introduction of the Process Owning Department in the new NAWCWPNS IDEAS Program. We discussed several tasks for the Process Owning Department under the revised program. And who, you may ask, is the person responsible for these tasks? Who has the job to see that the IDEA is processed to a deci-

IDEAS' lists point of contacts

sion and, if adopted, is recognized and possibly rewarded with a cash award? Let me introduce the current list of the departments' IDEAS point of contacts. These people will play a key role in the new IDEAS process and are good folk to know.

C023, Freddie Perry, 939-1081
C024, Charles Anderson, 939-4927

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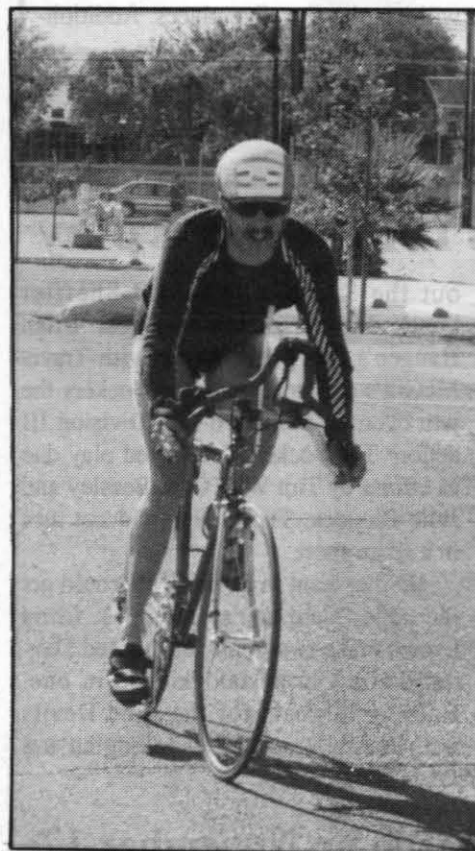
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TRIATHLON, from Page 18

completing it in 13:15, while George, in the 25-mile bike race, tallied a time of 1:02:55. Martin completed the 6.2-mile run in 41:16.

Mark Crumblish captured the Best Overall Man Category for his time of



BICYCLISTS rode 25 miles for their portion of the 1992 MWR Triathlon.

2:10:01. Crumblish completed the swimming portion of the event with a time of 17:38, the bicycle race with a 1:10:36; and the run in 41:47.

The Best Overall Woman winner was Erica Freeman, clocking in at 2:27:47. Freeman tallied a 12:04 swim time finish, a 1:23:56 bike time finish and a 51:47 run time finish.

Other team competition results saw Team Smith, consisting of P.J. Smith, Lehman Blacketter and William Broyles, earn second place with a time of 2:18:50. Individual times were, respectively, 15:26, 1:09:38 and 53:46.

Third place went to Team Burge, consisting of Wendy and Carol Burge and Kirstie Smith. Team Burge's total time was 2:37:33. Individual times were, respectively, 14:35, 1:25:51 and 57:07.

In age categories for the women, Freeman took the 18-29 category, followed by Dawn Saidat and Debra Draper. Saidat's total time was 2:45:04, followed by Draper's time of 3:08:52.

In the 30-39 category, Shari Keyes captured first with a time of 2:48:13, followed by Laurie Zellmer, who had a time of 2:49:32.

Nancy McCrary took the 40-49 category with a time of 2:56:59, followed by B.J. Holden's time of 3:40:18.

In the men's age categories, the top three finishers in the 18-29 age group were Crumblish, Eric Wicker and Thomas Legg. Wicker's finishing time, while Legg clocked in at 2:17:19.

Scott Hubbard took the 30-39 category with a 2:15:13, followed by Chris Ostermann's time of 2:24:30 and Larry Seibold's time of 2:31:22.

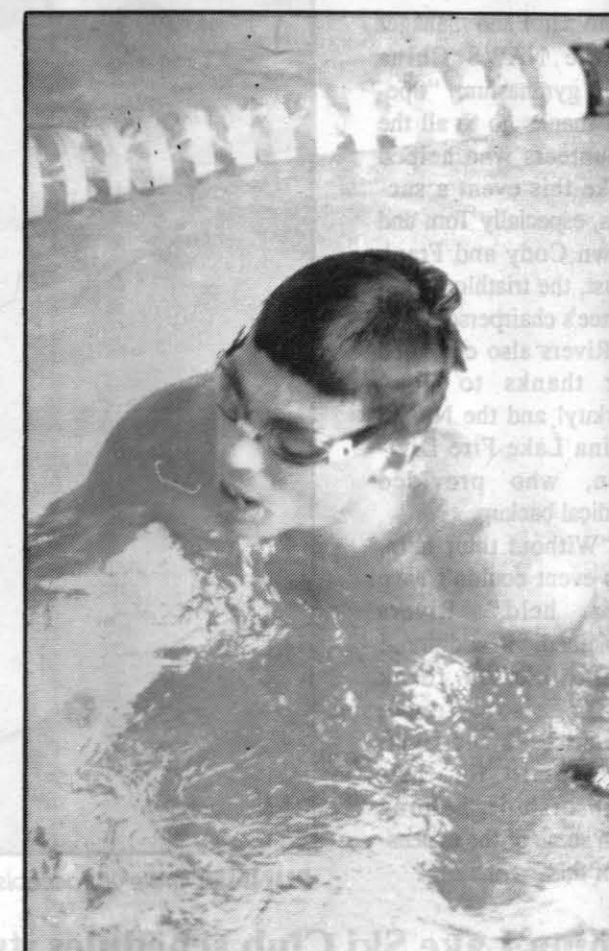
A finishing time of 2:58:44 put Ted Fiske in first place for the 40-49 category, while Bill Walters took second with a time of 3:10:55. Mark Manlove earned third place with his time of 3:22:22.

In the 50-59 and 60-and-up age groups only one person competed in each group, Dennis Burge (50-59) and Jack Johantgen (60-and-up). Burge's finishing time was 2:40:07, while Johantgen's was 3:20:50.

After the grueling race, Capt. Bob Kapernick, associate director of the Weapons Direc-

torate of the Naval Air Warfare Center Weapons Division, presented trophies to

See MWR, Page 20



Photos by Karen Rivers

GASPING for a breath of air between laps.

TODAY



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SPORTS

Adult flag football

'Dirty Dawgs' defeat 'Fine Line'

By Carl J. Norlund
Sports Correspondent

Week 4 of the Naval Air Weapons Station China Lake Adult Flag Football League saw eight of the ten teams in action. The scheduled visit of the Chief of Naval Operations led to a postponement in the game between the "Desert Chickens" and the "Mad Dogs." That game will be made up at a later date.

In the feature game of the week, the "Dirty Dawgs" defeated "Fine Line" 26-8 in a hard fought contest.

The Dirty Dawgs jumped out in front of Fine Line in the first quarter on two touchdown passes by quarterback Leslie Lewis. First, Lewis hit Sean Percy with a scoring toss. He followed that with another to Fred Lewis. Then, Leslie Lewis ran across the goal line for a two-point conversion, making the score 14-0.

Fine Line cut the lead to 14-8 on a

long touchdown pass from Steve Foster to John Bayes and a conversion pass from Foster to Richard White.

A Leslie Lewis to Ruben Pena touchdown pass extended the Dawgs' lead to 20-8 in the second quarter.

The Dirty Dawgs used strong team defense to win the game. Three goal line stands, one just before half-time and one each at the beginning of the third and fourth quarters kept Fine Line from getting any closer.

Leslie Lewis added an insurance touchdown pass to Percy in the fourth quarter, making the final margin 26-8.

In other action, the "P.E. Bombers" went to 3-0 on the season by blasting "The Nads" 40-12. "SAAK" shut out "ASF" 28-0, while the "Vamps" shut out "Night Attack" 14-0.

Play will continue with more games scheduled this week, including a make up game from "the week the lights went out."



Photo by Terry Pascarella

BEST overall winners, Erica Freeman and Mark Crumblish, join Capt. Bob Kapernick showing the t-shirt all participants and volunteers received for participating in the 1992 MWR Triathlon.

Team Hennigan creates new course record during triathlon

Team Hennigan, consisting of Susan Hennigan, Dave George and Eric Martin, not only captured first place in team competition at the Naval Air Warfare Center Weapons Division's 1992 China Lake Triathlon, it

created a new course record. With a finishing time of 1:57:46, the team beat the old course record (1:59:10) by one minute and 24 seconds.

Hennigan took on the 1/2 mile swim,

Please see **TRIATHLON**, Page 19

Great American Smokeout set for November 19

Whoever said quitters never win didn't know about the Great American Smokeout.

The 16th annual smokeout is Nov. 19. It's the day family and friends will encourage smokers to quit for a day in the hope they will stop for good.

Last year, military bases held fun runs and other events such as ashtray throws on the day. Similar events are scheduled this year.

According to the American Cancer Society, almost 36 percent of the nation's smokers quit for the day last year. Of those, almost 12 percent were still not smoking one to three days later.

But not just smokers should quit. Research about the harmful effects of passive smoking on nonsmokers has led to more and more smoke-free workplaces. Health officials are concerned some smokers are responding by switching to smokeless tobacco, said Army nurse Lt. Col. Gale Pollock, a senior policy analyst in the Office of the Assistant Secretary of Defense for Health Affairs. She said smoking is decreasing in the military, but the use of smokeless tobacco seems to be increasing. According to the Department of Agriculture, the general population is using more smokeless tobacco than ever before.

"Although smokeless tobacco does not expose others to sidestream smoke, it is no safer for the user than cigarettes," said Pollock. "Because there are so many tiny blood vessels in the mouth, people seem to get a bigger jolt from dipping or chewing than from smoking. This makes smokeless tobacco extremely addictive."

Terry Conway, a scientist with the Naval Health Research Center in San Diego, Calif., said she believes smokeless tobacco users may be deceived about its safe-

ty. She compared the physical fitness of Navy smokers with that of nonsmokers and smokeless tobacco users.

"Smokers didn't do as well as nonsmokers on the Navy's Physical Ready Test," Conway said. "But smokeless tobacco users and nonsmokers performed about the same. Smokeless tobacco users and nonsmokers both tend to do more voluntary exercise than smokers, which indicates that fitness is important to both groups. So perhaps the fact that the negative health effects of smokeless tobacco aren't as easy to see at first may lead them to believe it is safe."

A medical academy is running a public service campaign called "Through With Chew." According to the academy, doctors diagnose some 30,000 new cases of smokeless tobacco-related cancer every year. Some cases take years to develop.

Tragically, others develop quickly. The academy's education kit shows smokeless tobacco user and high school athlete Sean Marsee first as a handsome 16-year-old and then as he looked at age 19 shortly before he died of oral cancer. His face was distorted and a tube was hooked to his nose.

Marsee, who thought smokeless tobacco was safe when he started to use it, gave permission to use the pictures. In his final days, he actively campaigned to prevent others from taking up the habit.

Academy Executive Vice President Dr. Jerome C. Goldstein said quitting smokeless tobacco is often tougher than quitting smoking. So the group focuses on discouraging young people from taking up the habit. Major League baseball players John Franco, Dan Quisenberry, Nolan Ryan and others are helping with the effort. Ryan said he quit chewing after he decided

there were no positive aspects of chewing to balance out the negatives.

The negatives, say researchers, include increased risk of cancer, especially in the cheeks, gums and throat. The habit can also lead to mouth sores, receding gums, tooth decay, bad breath and permanent discoloration of the teeth.

Some military installations have special classes helping those who chew tobacco quit. For those installations without special classes, smokeless tobacco users are as welcome as smokers in smoking-cessation classes. For those who need additional help, doctors in the military medical system may prescribe nicotine patches that deliver gradually reduced doses of nicotine over a period of time. Since the patches are a dangerous drug—smoking while wearing a patch can be fatal—they are available only as part of a medically supervised program.

Civilians can get help, too. Last year, the Office of Personnel Management ruled insurers participating in the Federal Employees Health Benefits program had to fund at least \$100 of an approved smoking-cessation program.

The Wellness Program Office onboard the Naval Air Weapons Station China Lake has a variety of items for those who would like to participate in the Great American Smokeout. Booklets on how to quit smoking, how smoking is harmful to your health and how smoking is harmful to other people's health are also on hand. "Adopt A Smoker" adoption papers are also available. Betty Miller and Pat Oliver, Wellness Program coordinators, invite all China Lake smokers to take part in this year's Great American Smokeout. For further information, contact the Wellness Program Office at 939-2468.

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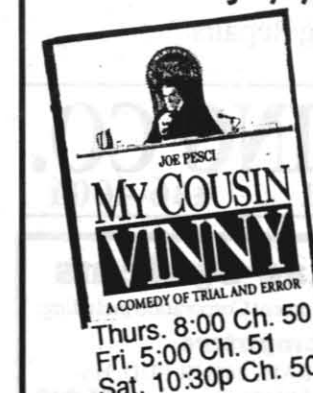
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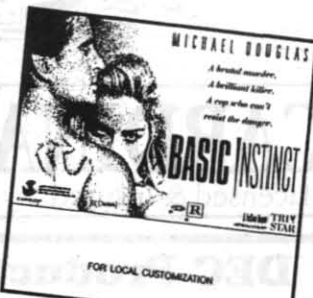
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Ch. 50 & 52



Saturday
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7:00, 9:30 Ch. 52

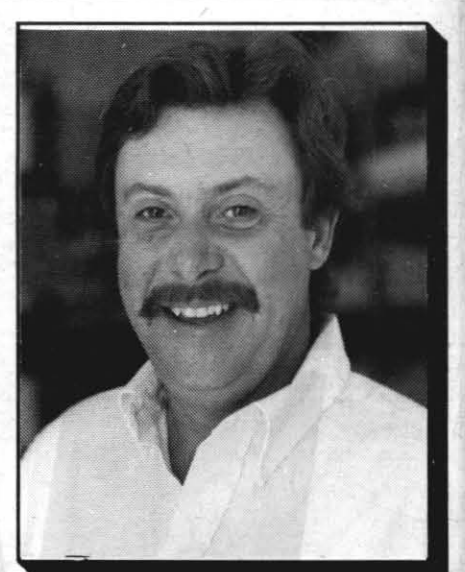
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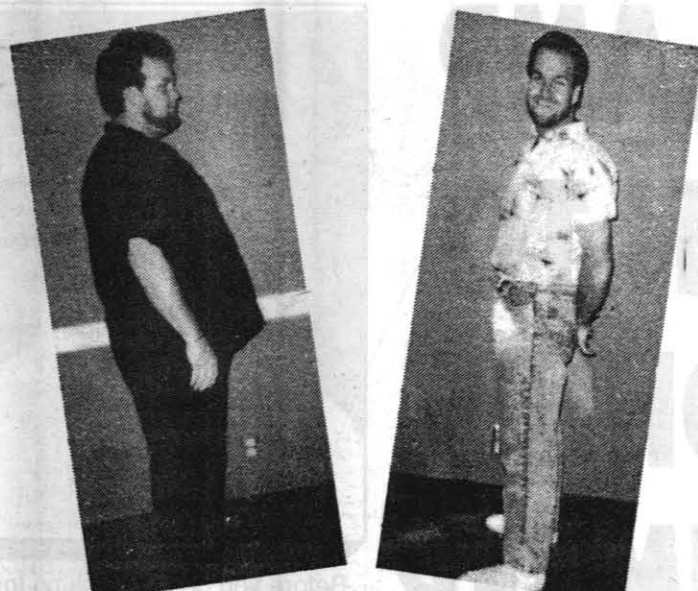


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Monthly meetings planned

National Contracts Management Association

Alvin Johnson of Management Assistance Corporation of America will be the guest speaker of the Ridgecrest/China Lake Chapter of the National Contracts Management Association at their Nov. 18 luncheon meeting.

The luncheon, at Farris' at the Her-

itage, begins at 11:30 a.m. and will feature beef stroganoff. Cost is \$7.50 for members and \$8.50 for non-members.

Reservations, due no later than noon, Nov. 16, can be made by calling Sandy Madeleine at 499-5945 or Bruce Emerson at 499-5970.

IWV Retired Officers Association

Paul Erickson of the Naval Air Weapons Station China Lake Retired Affairs Office will be the guest speaker Nov. 18 at the dinner meeting of the Indian Wells Valley Retired Officers Association. Wives and guests are invited to the meeting,

which begins at 6:30 p.m. at the Carriage Inn.

The price is \$12 for roast turkey or \$13 for roast round of beef.

For reservations, call D.R. McMillan at 375-8151.

Navy Exchange announces lunch winners

Last week's winners of free lunches from Navy Exchange snack bars are Tony Garcia, CLP Snack Bar; Don Parker, Airfield Galley; Ralph Legler,

Plaza Snack Bar; and Sharon Chestnut, Michelson Lab Snack Bar.

The NEX offers congratulations to all winners.

IDEAS from Page 6

Betsy Chartier, Code C25254, asks that nightlights with sensors be installed in rest rooms which have no windows so that it won't be so dark when someone turns the lights off.

No. 521, Yardarm Flag, Thomas Winkrich, Code C3306, proposes China Lake

fly an MIA/POW flag on the yardarm at the front gate to show our support.

No. 522, Health Insurance Registration. Phan L. Do, Code C2943, suggests a mail in process for employees to make changes to their health insurance during open season.

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NAWC NEWS from Page 10

FTEG Directorates, Systems Engineering Test and Range. The NAWC AD Warminster, Grumman Aircraft Corporation, NASA Langley, Va. and General Electric Corporation (UK) also are involved in the project.

Technology for the upgraded flight control systems comes from the European fighter aircraft program. Control law validation has begun in the aircraft division's Manned Flight Simulator. Laboratory and ground testing will follow. The digital flight control computer could be flight tested as early as 1994.

The digital flight control computer will be installed in all F-14's for "improved reliability, increased departure resistance and better power approach handling qualities."

Point Mugu, Calif.

When the then-West German Ministry of Defense selected the McDonnell Douglas F-4F "Phantom II" for its air force, the "Luftwaffe," it marked the beginning of many years of joint cooperation between the United States and Germany. The F-4F went through numerous upgrades beginning as far back as 1976.

Upgrades included weapons systems, avionics, navigation, flight control and integration of all the hardware/software into the F-4F. The Advanced Medium Range Air-to-Air

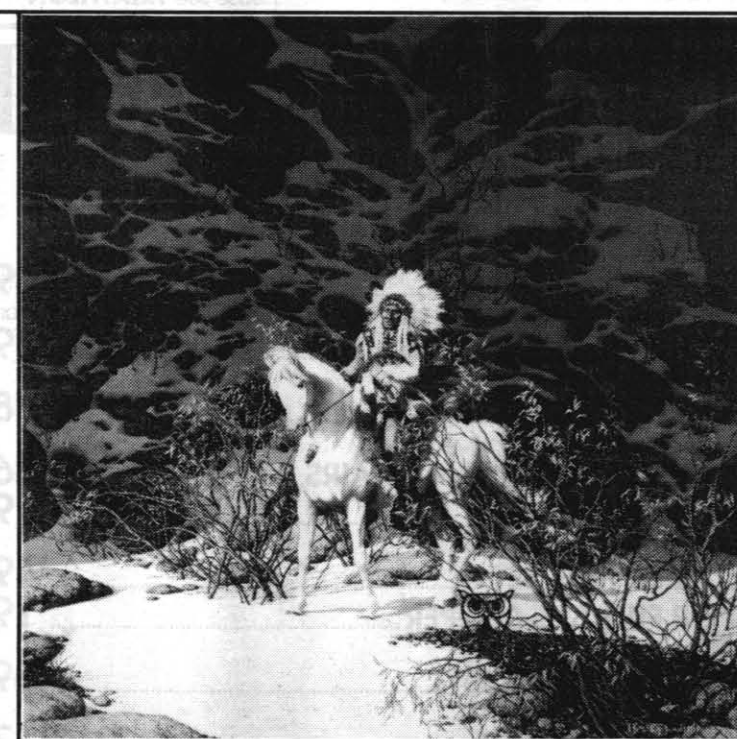
Missile (AMRAAM), designated AIM-120A, was also integrated. To accommodate the F-4F aircraft, a new missile launcher was also developed. The program became the "F-4F Improved Combat Efficiency (ICE) Program."

A major part of the program was testing. The German government had to locate a test facility to conduct the final full scale integration testing needed to demonstrate the upgraded capabilities. The competition was steep and included other service facilities including the Air Force.

Flight testing began at Point Mugu, Oct. 1, 1991, with the successful completion of four AMRAAM launches by August. Late September marked the completion of flight testing and the beginning of the program phase out.

Indianapolis, Ind.

A transition-to-industry contract for the Marine Corps' Tactical Remote Sensor system (TRSS) was placed for \$3.9 million, nearly \$1.5 million under the projected budget. The base year contract, won by Sechan Electronics, Lititz, Pa., was awarded ahead of the program's targeted milestone. TRSS, developed at Indianapolis, employs a system of seismic, infrared, magnetic and video sensors to track the movement of enemy troops and equipment.



Bev Doolittle

Bev Doolittle's new work symbolizes the insight of the eagle spirit. Look beyond the obvious to find fourteen eagle spirits camouflaged among the rocks and snow - but look closely; Bev Doolittle's camouflage skill has never been more subtle. Bev Doolittle says, "In this painting I used the Indian as a symbol for man living in harmony with nature. His belief in the eagle heart is so strong that his is surrounded by its spirit protectors. I have used camouflage in this painting, as in many others, to communicate an idea. For me, camouflage is a means to an end, not an end in itself. My meaning and message are never hidden."

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1155-911	Mac IIfx 80/4 w/8-bit card	\$2,628
1155-910	Mac IIfx 0/4 w/8-bit card	\$2,374
1155-240	Mac IIfx 0/4	\$1,995
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TVIS BROADCAST SCHEDULE

Monday, Wednesday & Thursday, Nov. 16, 18 & 19

Programs listed below will be available for viewing on Channel 3 in all FOTS-equipped conference rooms throughout the Station. Those without access to such rooms can see the programs at Michelson Laboratory "Little D" conference room. A room will also be made available in the Training Center for each program — the room number will be posted in the lobby.

Monday - Nov. 16

8:30 a.m. CCI: IDEF: Business Process Modeling, Part 1 of 6
9:30 a.m. CCI: Client Server Development Tools, Part 2
11:30 p.m. Wellness: Stress and Relaxation
1:00 p.m. Legacy of the Lake/China Lake Diary/Weapons That Work
2:15 p.m. VAdm Bowes: Naval Aviation Systems Team:
1992/93 Strategic Plan
2:30 p.m. The 30 Minute Decision: Interviewing Skills for Supervisors

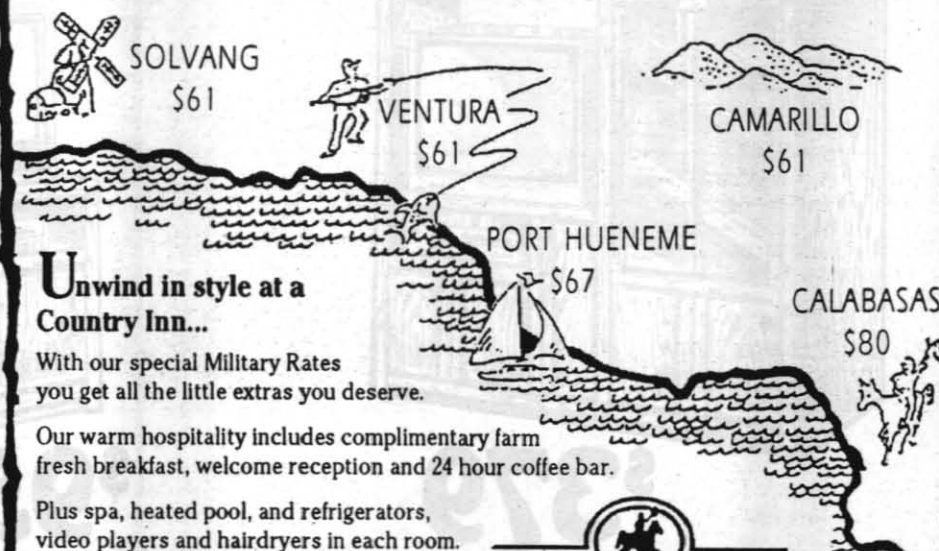
Wednesday - Nov. 18

8:30 a.m. CCI: IDEF: Business Process Modeling, Part 2 of 6
9:30 a.m. CCI: I/S Quality and Business Process Re-Engineering
11:00 a.m. Wellness: Stress and Relaxation
1:00 p.m. MacAcademy: Microsoft Word 5.0 (Tape 1 of 3)
3:00 p.m. Tom Peters: The Leadership Alliance

Thursday - Nov. 19

8:30 a.m. CCI: IDEF: Business Process Modeling, Part 3 of 6
9:30 a.m. CCI: Self Directed Development Teams
11:00 a.m. Wellness: Stress and Relaxation
1:00 p.m. MacAcademy: Microsoft Word 5.0 (Tape 2 of 3)
3:00 p.m. VAdm Bowes: Naval Aviation Systems Team:
1992/93 Strategic Plan

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Security Flash

By Linda Hall
Security Education Officer

Classified material removal must have proper documentation

All employees who remove classified material from the Naval Air Weapons Station China Lake are required to have a DoD Courier Authorization Card, DD2501, even if it is a one-time occasion. Per OPNAVNOTE 5510 of April 11, 1990, use of this courier card is mandatory and exceptions or waivers from its use will not be granted.

In addition to the card, a Classified Material Removal Authorization is required. If flying commercial air, a Designation of Official Courier Letter (NAWCWPNS CL 5510/7 (Rev. 2-92)) is also required.

For more information regarding courier cards or hand carrying of classified material, call Cathey Mattox at Information Security, 939-0986.

Test shows need for better computer security

Recently, there was an authorized test for computer security at the Naval Air Weapons Station China Lake, noted Fred A. Worby, Computer Security officer. During this test, a number of computer systems had passwords identified.

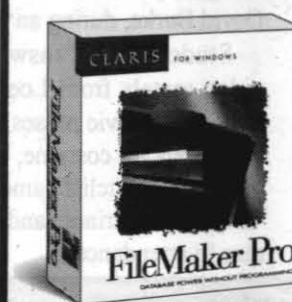
Worby noted the main reason the passwords were compromised was that they were common words found in the dictionary and did not have the required nine characters.

All applicable regulations require computer users to abide by the Department of Defense Password Management

Guideline CSC-STD-002-085, which states all passwords will be a minimum of nine characters in length and not a word found in the dictionary, Worby said. Passwords should use a mix of letters and numbers, and have a maximum life of one year.

"Every computer user should check their passwords and change them, if necessary, to comply with the established regulations," Worby said. "In addition, computer users should ensure default or factory installed passwords are changed."

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Vieweg students get game show drug, safety lessons

Halloween safety and saying no to drugs were the subjects of an assembly held Oct. 28 at Vieweg School.

Kern County Sheriff's Deputy Louie Allen (a full-time project engineer in the Aircraft Weapons Integration Department) emceed the event, which included game-show formats for question-and-answer sessions.

Cito, the China Lake Police Department's military working dog, entertained the students when handler, MA1 Jeffrey

Morgan, put him through his paces against "suspect" Sgt. David Burke, during an intermission in the game shows.

Students who answered questions correctly won free video rentals from Loewen's Circus Video or The Wherehouse and movie passes to Ridgecrest Cinema's.

Parents, in costume, assisted host Allen. PTA Vice President Terry Ratcliff came as a clown, as did Diann Severn. "ET" (Terry Prince) and the Zombie (Tammy McBride) were also in attendance.



SEA OF HANDS—Deputy Louie Allen wades in to select a contestant in anti-drug game show-type assembly.

Photo by Terry Pascarella

NAWC News

By NAWC Public Affairs Office

The Naval Air Warfare Center is a corporation comprised of 25,000 employees at ten locations throughout the United States. Our mission is to be the Navy's full-spectrum research, development, test and evaluation; engineering-support; and Fleet-support center for air platforms, autonomous air vehicles, missiles and missile subsystems, weapon systems associated with air warfare, and sensor systems used to conduct antisubmarine warfare from air platforms. Our people are the most important asset of the corporation. In an effort to keep you informed of corporate happenings the following column will be published regularly in *The Rocketeer*.

Patuxent River, Md.

A digital flight control system may be in sight for the F-14 Tomcat. That's the word from the Flight Test and Engineering Group's Strike Aircraft Test Directorate at Patuxent River, Md.

The project, to provide the fighter with a digital, state-of-the-art flight control computer, is a foreign cooperative technology program, funded largely through the Nunn-Quayle initiative. The joint effort, spearheaded by Strike, with support from two other

Please see **NAWC NEWS**, Page 17

GOING ONCE, GOING TWICE—

Members of the VX-5 Officers Wives Club have been working hard preparing for their Creative Auction, set for 7 p.m. on Nov. 20 at the Seafarer Club. Holding a few of the auction items are Susan Berry, Shari King, Michelle Williams, Chrissy Rist, Windy Maybury and Veronica Fuller.

Photo by Terry Pascarella



Variety of items available at Creative Auction

Whether it is a New Mexico State Fair blue winning afghan, a gig by the Burners or a Super Bowl party for 40 people, the VX-5 Officers Wives Club Creative Auction will have a little bit of everything "on sale." The auction will be held Friday night (Nov. 20) at the Seafarer Club onboard the Naval Air Weapons Station China Lake. A preview of auction items begins at 6 p.m., followed by the auction at 7. Admission is \$2 per person.

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

Retarded Citizens, noted Jackie Van Sickle, one of the event's coordinators. "We have shopping lists from each of these organizations," Van Sickle said, "so we know what each of them needs."

Other items to be put up for auction include a mounted piece of the Berlin Wall, a 101 Dalmatian kids' party, ski cabin weekends, an authentic Australian bush hat, a pager (with two months free service) and a variety of handcrafted items, children's gifts and so forth.

"We have had lots of support from the towns people," Van Sickle said. "They have been great donating items."

Auction attendees will have a chance to win a number of door prizes, including two free nights at Furnace Creek (with unlimited golf), two nights at Buena Park (with two Disney passes), two nights in Vegas at the Riviera, two nights at the Tahoe Biltmore, ski lessons at Mammoth, two Lakers' tickets, tickets to Sea World (San Diego) and more.

During the event, Christmas ornaments and crafts, as well as baked goods, will be on sale. Light snacks will be provided and pizza from Freddy's Place will also be available for purchase.

CHECK-OUT THE BENEFITS OF REFINANCING!

With the lowest mortgage interest rates in 19 years, refinancing can have many benefits.

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- obtain cash for other purchases
- reduce your monthly payment
- reduce the term of your loan and pay it off sooner
- save money

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We will help you evaluate the benefits of refinancing. And if you choose to get a new loan, we will help you to select the loan that is best for you.

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OMEGA's new Bernoulli Pro series drives are faster, quieter & have substantially lower prices. The Dual & Transportable

- | | |
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| Dual 90 Pro | #S0700474 |
| Transportable 90 Pro | #S0700475 |
| Insider 90 Pro | #S0700472 |
| IBM PC2B interface | #S0700479 |
| PC Powered NEW! | #S0700462 |
| PC Powered 90 PRO NEW! | #S0700455 |
| Mac interface | #S0700337 |
| IBM Stacker interface | #S0700482 |
| new Mac Transportable 90 Pro | \$515 |

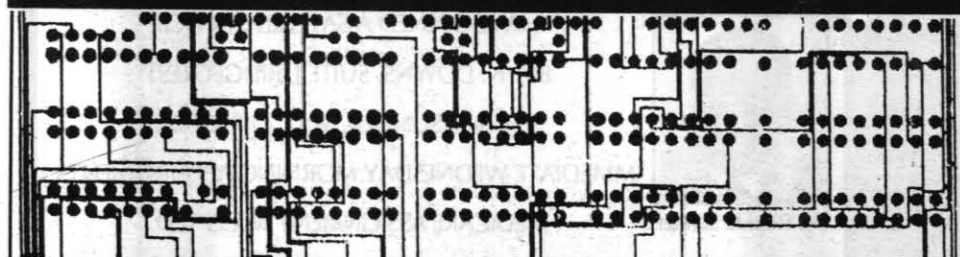


work with Macs & PCs. The new PC Powered drives are complete subsystems with an external drive, controller & cable. Stacker interfaces double the capacity: 180MB per drive. The PRO adds caching, data compression software & custom SCSI controller. (The number shown in the above box is the SPEDI P/N.)

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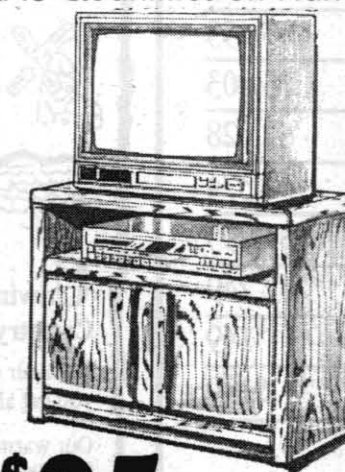
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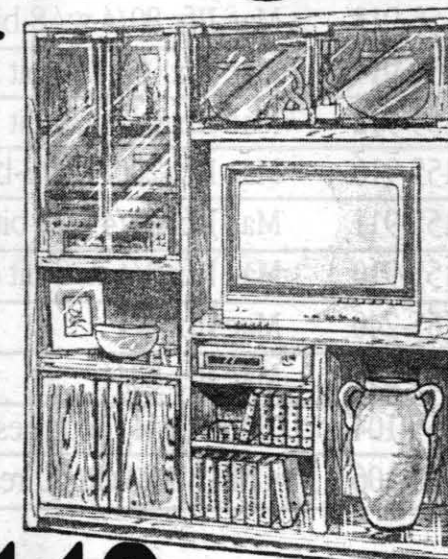
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Faster editing feature discussed

Word 5 Drag-and-Drop Feature

For faster editing, use the mouse to move text or graphics short distances within a document.

1. Select the text or graphic.
2. Point to the selection.
3. Press the mouse button.

Word displays a small, dotted box and a dotted insertion point. Drag the dotted insertion point to the new location, and then release the mouse button.

Another FileMaker Pro 2.0 TIP

Networked databases that use the lookup function may lose the pointer information after files have been converted to 2.0. If your lookup file is open and the information is not retrieved into the fields of your current database, redefine the lookup file even though it looks correct.

For help learning FileMaker or to have a custom FileMaker database designed, call Donna at 499-2081.

Red Cross office needs volunteers

Volunteers are still needed to help at the Red Cross Office onboard the Naval Air Weapons Station China Lake. The office is open from noon to 3 p.m. Monday through Friday (except flex Fridays).

To learn what you can do to help, call 939-3208 during the office's regular operating hours.

Pettit to advise CSUN EE students

Professor Pettit of California State University, Northridge (CSUN), will be at China Lake on Nov. 16 to advise current and prospective students in the master's degree program in electrical engineering offered by the school. Those wanting an appointment to see Professor Pettit should call Denise at 939-2648.

ter's degree program in electrical engineering offered by the school. Those wanting an appointment to see Professor Pettit should call Denise at 939-2648.

Credit is important part of personal finance

WASHINGTON (NES)—Credit is an important part of personal finance. Many consumers earn a good reputation with creditors by paying their debts on time and otherwise managing their credit judiciously.

If you are turned down for credit or a loan—but you are certain your payment history is good—it is advisable to contact a credit bureau and check your personal credit report. Your credit report may contain errors or outdated information that could hinder your efforts to secure a loan.

Be wary of "credit clinics" or any firm that offers to "repair your bad credit" for a fee. If your credit standing is unfavorable because of poor payment history, the unfavorable information will stay in your personal credit report. Legitimate information cannot be removed by you or anyone else; it will stay on your personal report for a fixed period of time. Consumers who use credit clinics or credit repair services usually pay a costly fee without getting the results they expected.

You can take steps to correct inaccuracies in your personal credit report. If you are denied credit, you are entitled under federal law to be told about the report on which the lender based the denial.

Also, you can contact a credit

reporting company at any time to find out how to obtain a copy of your personal credit report. There is usually a fee for this service. After obtaining your credit report, scrutinize it carefully and follow the company's instructions for reporting inaccuracies.

The three major credit reporting companies are:

Equifax, P.O. Box 4981, Atlanta, Ga. 30302; 1-800-685-1111 or (404) 885-8000.

TRW, P.O. Box 2350, Chatsworth, Calif. 91313-2350; (214) 699-6111.

TransUnion, P.O. Box 7000, North Ulmstead, Ohio 44070; (216) 779-2378 or (313) 689-3888.

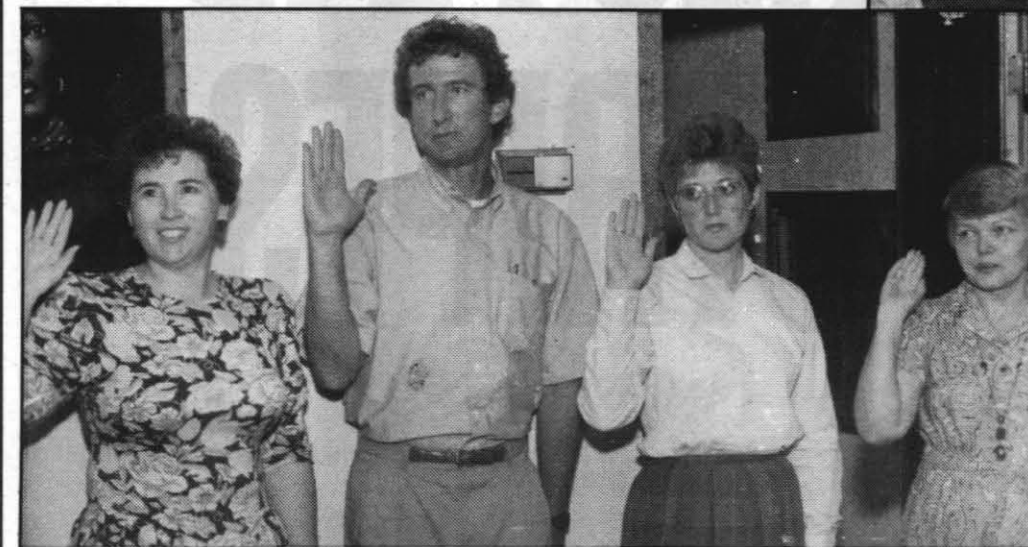
If you are experiencing problems with personal credit and need counseling, contact China Lake's Civilian Employee Assistance Office at 939-3892 or 939-2574.

Arrangements have been made for a representative from the Consumer Credit Counselors of Kern County, a non-profit community service agency from Bakersfield, to come to the Naval Air Weapons Station China Lake to offer counseling. Your financial situation will be reviewed by a trained counselor, and a plan will be developed to get you on the road to financial security. This service is being offered free of charge.

Out with the old...

OUTGOING officers of the China Lake Chapter of the American Society of Military Comptrollers, (l to r) Barbe Anderson, secretary; Cathy Craswell, treasurer; and Ethel Herrera, president; are thanked for their efforts and given a plaque by Jerry Macy (far left), associate head of the Naval Air Warfare Center's Comptroller Department. The outgoing officers were recognized at a recent luncheon. Katrina Nason, vice-president, was not present for the photograph.

Photos by Terry Pascarella



In with the new...

NEW officers of the chapter include (left to right) Theresa Thomason, president; Drew Martin, vice-president; Virginia Pitts, secretary; and Helen Tubbs, treasurer.

Shhhhh!

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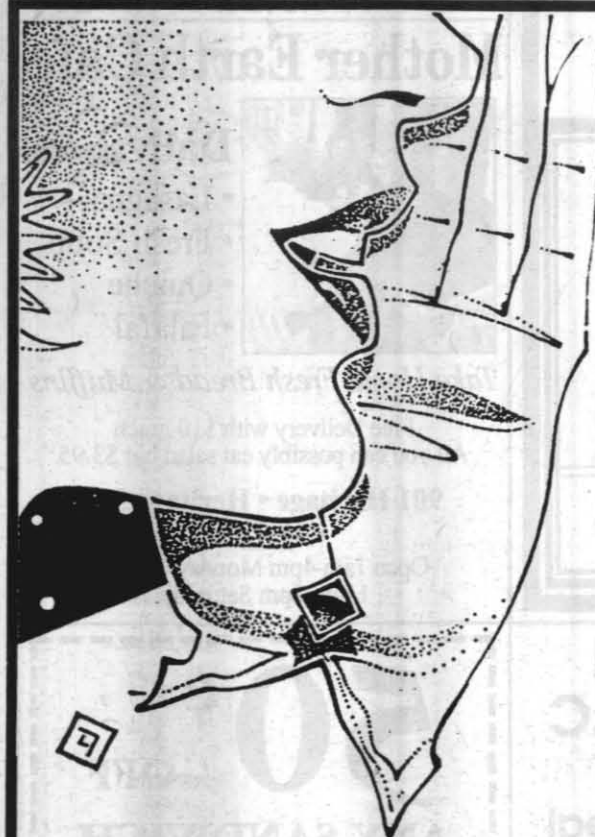
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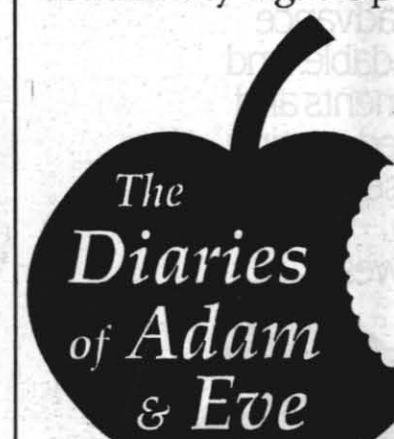
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All three regions	\$339	\$339	\$289

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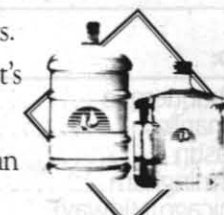
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Cleveland	\$229	\$229	\$229
Columbus		\$134	\$134
Corpus Christi		\$169	
Detroit (City & Metro)	\$218	\$218	\$218
El Paso	\$ 92	\$ 92	\$ 92
Harlingen (S. Padre Island)		\$174	
Houston (Hobby)	\$164	\$164	\$164
Indianapolis	\$178	\$178	\$178
Kansas City	\$139	\$139	\$139
Las Vegas	\$ 51	\$ 51	\$ 51
Little Rock		\$217	
Lubbock	\$128	\$128	\$128
Midland/Odessa	\$121	\$121	\$121
Nashville	\$164	\$164	\$164
New Orleans		\$174	
Oakland	\$ 56	\$ 56	\$ 56
Oklahoma City	\$164	\$164	\$164
Phoenix	\$ 46	\$ 46	\$ 46
Reno/Tahoe	\$ 87	\$ 87	\$ 87
Sacramento	\$ 56		\$ 56
San Antonio	\$156	\$156	\$156
St. Louis	\$164	\$164	\$164
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Now you can save even more money with our new lower Military Fares. Besides our already low unrestricted Military Fares, we're offering even lower limited seating fares to active military personnel and their dependents for travel beginning November 2, 1992.

You can get the new limited seating fares for one-way or roundtrip travel. There's no advance purchase required. Tickets are fully refundable. And standard military identification requirements and policies apply. However, like other limited seating fares, you will be required to make reservations, and standby travel will not be permitted.

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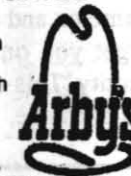
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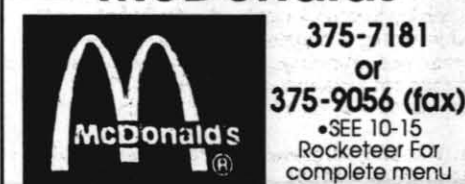
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PERSONNEL NEWS

PROMOTIONAL OPPORTUNITIES

Applications for positions listed below are being accepted from Department of Navy Employees currently at NAWC, China Lake and from eligible employees of attached activities 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. 12362, 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 qualify. For initial employment information, career counseling and enrollment, call 939-3317 for an appointment.

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form, a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill, or ability (KSAs) as cited in the advertisement is highly recommended and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Do not submit the annual performance narrative may adversely affect your evaluation score. Prior to submitting your application, complete Cover Sheet Form 12335/2, available at the reception desk. Make sure your address, phone number, etc., are current, correct and that all forms are complete and accurate. If 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 complete the application. Civilian Spousal Program Eligible 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 eligible may apply.

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 500 Blended. 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 negative drug test result, and thereafter the selective will be subject to drug testing 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 serving Civilian Personnel Office 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. (NAWPCENINST 12792.2, 14 Dec)

MERIT PROMOTION

No. 00-001, Patent Clerk (Typing), DG-303-1/2, Code 006(C003) — This position is located in the Office of Counsel, Patent Division, Naval Air Warfare Center, China Lake. The incumbent is responsible for support to the clerical operations established by the NAWCWPNS Division Patent Counsel in support of the Navy Patent Program conducted on behalf of the Chief of Naval Research. Prepares correspondence, reports, and legal documents as required apart from processing invention disclosures. Assists in the maintenance and recordkeeping of attorney's dockets, and files of invention disclosures, and prepares applications, including statutory bar cases. Deals directly with all levels of NAWCWPNS and NAVAIR management, inventors, the Office of Naval Research, U.S. Patent and Trademark Office, and government contractors. Experience with word processing personal computers and software is desirable. **Job-Related Criteria:** Skill in grammar, punctuation, and spelling; ability to communicate effectively orally; ability to communicate effectively in writing; and ability to deal effectively among technical and functional personnel, with poise and tactfulness. Promotion potential to DG-2. This ad opens 12 November and closes 19 November. Previous applicants need not reapply.

No. 024-001, Intelligence Library Assistant, Mail/File Clerk (Typing), DG-303-2/3, Code 02412 — This position is located in the Intelligence Library of the Weapons Planning Group. The incumbent acts as Custody Control Point (CCP) for classified information and performs other duties, including clerical support and librarian-type functions such as reference retrieval services and maintenance of document collections. The incumbent also functions as alternate Department Security Coordinator. Incumbent must be able to obtain and maintain a SECRET clearance. Macintosh experience is desirable. **Job-Related Criteria:** Ability to read, interpret, and apply instructions; ability to deal with all levels of personnel; knowledge of handling classified materials. Full performance level of this position is DG-3.

No. 028-JM-92, Secretary (Typing), GS-0318-4/5/6/7, Code P6501 — This position is the secretary and principal personal assistant to the Department Head and Associate Department Head. Duties include showing a good working knowledge of supply operations, procedures and basic policies; and receiving telephone calls and personal callers, screening those which can be handled by others and referring them to appropriate personnel. Handles many telephone calls and visitors, both on-station and from other activities and systems commands. Maintains appointment calendars for both supervisors and makes commitments for conferences and appointments without prior clearance. Screens

all incoming correspondence routed to his/her supervisors to determine action and priority. Provides technical guidance to division secretaries in areas of correspondence preparation control, file and records maintenance, and departmental clerical procedures. **Quality-Ranking Factor:** Skill in using a personal computer as an automated tool to process standard forms for management applications. Promotion is not guaranteed. It is the applicant's responsibility to submit a copy of his/her latest performance appraisal of record. PCS is not authorized. Point of contact is Jan Meadows, DSN 351-3261. Applications may be submitted to the Human Resources Department, Room 100, NLT 5:00 PM of the closing date or they may be mailed directly to Human Resources Department, Naval Air Warfare Center Weapons Division, Attn: Jan Meadows, Point Mugu, CA 93402-5002. Mailed applications must be postmarked NLT the closing date. This ad closes 19 November.

No. 25-003 Supervisory Logistics Management Specialist, DP-0346-3, Code 2623 (multi-site 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-Related 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. 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-Related 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. Promotion potential to DP-3, but not guaranteed. Permanent Change of Station (PCS) is not authorized. This ad opens on 12 November and closes on 30 November.

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-Related 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. Promotion potential to DP-3, but not guaranteed. Permanent Change of Station (PCS) is not authorized. This ad opens on 12 November and closes on 30 November.

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 transmission. 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-Related 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 announcement closes 27 Nov 1992.

No. 33-005, Security Clerk/Assistant, DG-0086-2/3, Code 3302 — Incumbent performs as the Document Control Person in the documentation library existing at the Electronic Combat Range Facility. The work schedule is "First Forty" hours. Incumbent performs security review, control, screening, distribution, and filing of incoming and outgoing documents, manages the ECR Department CCP and Intelligence Library, provides CCP support to the department, acts as Department Key/Safe Combination Custodian, and maintains computer data base for classified documents, key accountability, and Stu III secured telephones. **Job-Related Criteria:** Knowledge of basic security systems and regulations regarding classified documentation; knowledge of basic filing systems and basic routine office procedures; ability to interface with all levels of personnel; and skill in operating Macintosh Personal Computer or similar equipment is desirable. Only those with Secret clearance need apply. Promotion potential is DG-3, but not guaranteed.

No. C62-001, 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 program, etc. This position may be filled at either the China Lake site or the Pt Mugu site. **Job-Related 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.

SECRETARIAL OPPORTUNITIES

This column is used to announce secretary positions for which the duties and job relevant criteria are generally similar. Secretaries serve as the principal clerical and administrative support in the designated organization by coordinating and carrying out such activities. Secretaries perform numerous tasks which may be similar. Positions at lower grades consist primarily of clerical and procedural duties and, as positions increase in grade, 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 file management; (6) ability to meet the administrative needs of the office; (7) ability to train clerical personnel and organize workload of clerical staff processes; (8) ability to plan and coordinate travel arrangements; (9) ability to maintain and coordinate supervisor's calendar and to arrange conferences.

Unless otherwise indicated, applicants for branch secretary will be rated on elements 1/2/3/5/8; division secretary applicants will be rated on elements 1/2/3/4/7/8/9; Program Office secretary applicants will be rated on elements 1/2/3/4/5/8/9; and department secretary 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.

SECRETARY COLUMN

No. 32-005, Secretary (Typing), DG-318-1/2, Code C3232 — This position is located in the Engineering Support Branch, Instrumentation Systems Division, Range Department. The incumbent will provide secretarial support to the branch head and branch personnel. Knowledge and experience on the Macintosh is required. Proficiency on the following applications is desirable: Microsoft Word, FileMaker Pro, Fast Track, VersaTerm, PowerPoint, and Excel. Must be able to acquire and maintain a Secret clearance. Promotion potential to DG-2, but not guaranteed.



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

TRANSCONTINENTAL ISDN PROJECT 1992

The China Lake Communications Division is participating in Transcontinental ISDN Project 1992 (TRIP '92), which takes place 16-19 November. TRIP '92 is an industry-wide effort to increase the availability and use of the Integrated Services Digital Network (ISDN). This will be the first use of the ISDN capabilities of the CTS switch. During these 4 days, computers in the ISDN Lab at China Lake will be connected with NIST in Gaithersburg, Md., AT&T in Holmdel, N.J., and various other sites, to demonstrate ISDN applications such as LAN-to-LAN connectivity, file sharing, and multimedia conferencing. The applications demonstrated during TRIP '92 will not be available for general use until after Code C63 Configuration Control Board approval. If you would like to observe one of these demonstrations, call 939-4553 to make your reservation. Space in the ISDN Lab is limited and escorts are necessary. Reservations are taken on a first come, first serve basis. ISDN information is available from the Communications User Services Office (CUSO), 939-3358. (Code C6311)

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)

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.

Installation and modification requests submitted via Communications Service Request (CSR) will still be charged based on labor and parts, but at a lower rate than last year. The highest rate that will be charged is \$77 per hour; however, hourly charges may be lower depending on the type of job. The cost of any rework necessary due to faulty work by Code C6311 or its contractor will be covered by Code C6311.

We would like to take this opportunity to

thank our customers and coworkers who have helped with ideas on how to improve our business. Additional comments are welcome. Contact Patti Patin at 939-2797. (Code C21)

NAWCWPNS WINTER COMPUTER EXPO 92

The "NAWCWPNS Computer Expo" will be held on Wednesday, 2 December. This 1-day showing of advanced office automation will take place at the Seafarer Club from 1000 to 1400.

Over 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.

All personnel are invited to attend no registration or fees are involved. Refreshments will be served. This event is co-hosted by Code C2115. For more information call (714) 454-9864. (Code 2115)

SYMANTEC SOFTWARE UPGRADES AND MAINTENANCE

The Contract Coordination Branch (Code C6331) is gathering information to determine if it is feasible and if there is a need to put together a SYMANTEC software site license contract for upgrades and maintenance only (no new purchases). Each user will receive his or her own shrink-wrapped software upgrade and documentation. If you have a need for this level of service, call Linda McCauley at 939-0614. (Code C6331)

MEALS INCLUDED IN LODGING COST

Some lodging establishments now provide meal service, notably breakfast, as part of the lodging cost. When these meals are provided they "must be" claimed on the DD-1351-2 (Travel Voucher/Subvoucher Form) as a deductible meal. If you are unable to partake of these meals, a statement of the circumstances must be included on your voucher. Refer to Joint Travel Regulations (JTR) Section C4554, "Per Diem Rules Concerning Meals," for additional information. (Code C6101)

GRUMMAN AIRCRAFT SYSTEMS DIVISION PRESENTATION

Representatives from Grumman Aircraft Systems Division will be here on 18 and 19 November to discuss a number of their programs. The meeting will be held in Mich Lab, Room 1000A. The agenda is as follows:

Wednesday, 18 November
0845 Introduction
0900 Predetection Fusion
0930 Crew Associate/Sensor Manager
1030 Break
1045 Advanced Cockpit Technologies
1300 Optical Signature Model (OSADS)
1330 IR Analysis Models
1400 Laser Threat Model (LTM)
1415 Crew Laser Protection Assessment
1445 Break
1500 Laser +
1515 APCSCATE
1545 Adjourn

Thursday, 19 November
0900 Advanced Integrated Avionics Program (AIAP)

Integrated Design Process
Advanced Technology
Ada Technology Applications
Hardware-In-The-Loop

1100 Adjourn
More details on the subject matter of each presentation can be obtained from Gerry Peterson or Chuck Newmyer, Mich Lab, Room 1008, 939-1074. (Code C0254)

DECNET ADDRESS CHANGE AT CHINA LAKE

As many people are aware, a network connection to the Naval Air Warfare Center Weapons Division (NAWCWPNS) Point Mugu has been established for AppleTalk and TCP/IP communications, with more protocols to follow. In addition, the Information Systems Department (ISD) is in the process of establishing links to NAWCWPNS White Sands, NAWC/NAVAIR Headquarters in Crystal City, and a proposed NAWC Aircraft Division (NAWCAD) network centered at Patuxent River that will connect all of the NAWCAD sites. As the installation process continues, it has become apparent that most NAWCWPNS and NAWCAD centers have chosen Area 1 as their DECNet area address. This creates a conflict with the DECNet addresses at China Lake and other sites that must be resolved before a DECNet connection to the remote locations can take place. Two computer networks with the same address face the same type of problem that the U.S. Post Office would face if two different families had the same mailing address.

The ISD is coordinating a new DECNet address for China Lake with NAWCAD, NAWC Headquarters, and NAVAIR Headquarters. Sometime near the middle of

December, all computers at China Lake using DECNet (including all terminal servers) on the corporate network will be required to change their DECNet address. This is a relatively simple procedure for most computers but usually requires the system to be rebooted for the change to take place. THIS CHANGE DOES NOT AFFECT THE NAME OF THE HOST MACHINE. The ISD has scheduled a meeting on 17 November from 0930 to 1130 in Mich Lab, Room 1000D to discuss the issues with computer system administrators of hosts using DECNet. A short presentation will be given as to why the change is being made, the process involved for changing DECNet addresses on your computer, and contingency plans should the unexpected occur. Representatives of Digital Equipment Corp. (DEC) and the ISD will be available for a question-and-answer period. Detailed information on how to make the change for most computers will be available at the meeting and will also be guardmailed to each user with a registered DECNet device. Attendees will be solicited for their input on the exact date and time for the change. All DECNet system administrators are encouraged to attend. For more information, contact Ron Smith at the Network Management Center, 939-6661. (C6311)

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

BILL BONNER

Bill Bonner has retired from the Public Works Department after 30 years of federal service. A farewell party in his honor is planned for Thursday, 19 November at the Seafarer Club. Festivities will begin at 1830. Hors d'oeuvres will be served at a cost of \$7.00 per person. A no-host bar will be available. Tickets may be purchased in advance or at the door. For reservations, presentations, or gift contributions contact Sharon Smith, 939-3412, or Dot Johnson, 939-0069, by 17 November. (Code C83)

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 Penry, 939-6416 or Regina Pond, 939-6459 by 23 November. (Code C323)

LEAVE DONORS 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.

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.

Raymond Caruso, Electronics Technician, Code C2525.
Raymond Caruso is undergoing extensive medical treatments and is in need of 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 numerous 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.

Trisha Chan, Program Manager, Code C6402.
Trisha Chan needs leave to care for her husband who is terminally ill with cancer.

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.

SECURITY CLASSES

SECURITY FOR CLERICAL AND ADMINISTRATIVE WORKFORCE (8 hrs.)

18 November; Wednesday, 0730-1630; Training Center. By: Linda Hall, Code C84301

This course provides information and exercises on marking and safeguarding classified material; how to obtain courier cards and letters; transmission of technical documents; and arranging for visitors and badges.
Deadline: 9 November.

SECURITY FOR SCIENTISTS, ENGINEERS AND TECHNICIANS (8 hrs.)

24 November; Tuesday, 0730-1630; Training Center. By: Linda Hall, Code C84301

Intended audience: Scientists, Engineers, and Technicians whose duties involve access to classified or unclassified technical information.

This course will provide information and exercise in classification, distribution statements, classified meetings, author's responsibilities, personnel security, and OPSEC. A brief discussion of computer security and COMSEC will be held.

Deadline: 16 November.

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-because 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.

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.

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.

effectively as team members, and they will learn when to use the team approach (and when not to). The consultant believes in presenting programs that give pragmatic, practical solutions based on knowledge of group dynamics. The class will be interactive with time for analysis, feedback, and development of action plans.

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 technological 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.

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.

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.

REQUISITIONER'S WORKSHOP (Formerly called Small Purchase Acquisition Process) (8 hrs.)

POSTPONED UNTIL 5 JANUARY.

MOVING ON TO SUPERVISION (16 hrs.)

18-19 November; Wednesday-Thursday,

0800-1600; Training Center. By: Suzanne Hard

Intended Audience: People who might be interested in becoming a supervisor.

This class offers an overview to explore and examine issues that impact employees as they choose to advance in their careers and accept positions with supervisory responsibilities. Participants will identify and learn how to acquire skills that are critical to becoming a successful supervisor.

Issues to be addressed:

*Examination and assessment of promotional opportunities.

*The price one pays to advance into supervisory and management positions.

*Whether or not a new supervisory position serves your purpose and enhances your productivity.

*Self-assessment.

*Examination of competencies and skills that are required to supervise (How are these different from "worker" skills?).

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

TEAMWORK/TEAMING (16 hrs.)

16-17 November; Monday-Tuesday, 0800-1600; Training Center. By: Suzanne Hard

Intended Audience: Leaders and Managers who recognize the potential of teams and want to learn how to use them effectively, and people at all levels who are potential team members.

The learning objectives of this 2-day course include: identifying key elements of effective teams; learning how to build commitment; recognizing and dealing with conflict and resistance; practicing at reaching consensus; utilizing creative problem-solving techniques; avoiding unhealthy agreements, and understanding team dynamics. Participants will learn to work more

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.

TRAINER TECHNIQUES (24 hrs.)

8-10 December; Wednesday-Friday, 0800-1600; Training Center. By: Miriam Cartwright and Mary Ann Gallagher

This course is designed for people who have training responsibilities in conducting workshops or classes. It is based on the premise that the most effective training is "participant-centered-training" in which the students are encouraged to become actively involved—through discussion of the training material and by working with it. Therefore, the purpose of the course is to provide trainers and teachers with the skills needed to provide good learning climates, present new material, facilitate group discussions, and direct learning activities. The workshop itself is a model of participant-centered training. The instructors give short presentations on the various features of effective training; lead group discussions that draw on the participants' experience to underline the important points; and then direct activities in which the participants practice the various skills they need to be good trainers or teachers. Each participant develops a 20-minute training session which he or she presents on the last day of the course. To enroll call Pat at 939-3159.

READING AND COMPREHENSION SKILLS (14 hrs.)

1-2 December; Tuesday-Wednesday, 0800-1600; Training Center. By: Eve Cappello, Ph. D.

There are several ways to increase reading speed and comprehension. The focus of this training is on three particular methods of Scanning, Skimming, and Surveying. The course features a hands-on approach that emphasizes accelerated reading methods, comprehension, discussions, and class speedreading practice drills. Training is designed to increase your reading skills, rapidly improve your comprehension, and enable you to find bottom-line information. Some of the topics covered include getting rid of roadblocks, using your hands and your head, finding the bottom line, and paraphrasing and other shortcuts. To enroll call Pat at 939-3159.

ADVANCED EXCEL 4.0 FOR THE MACINTOSH (16 hrs.)

23-24 November; Monday-Tuesday, 0800-1600; Training Center. By: Al Goettig,

Consultant

Prerequisite: 6 months experience using Excel, knowledge of computer programming helpful.

In this class you will learn array formulas, worksheet functions, database functions, self-adjusting worksheets, programmed macros, and custom menus.

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

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.), autotables, 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.

NOTICE DATE CHANGE
SYSTEMS ENGINEERING (28 hrs.)

16-19 February; Tuesday-Friday, 0800-1600; Training Center. By: Charles May, Consultant, and Bob Olson, Code C0902

REQUIRED FOR ENROLLEES IN THE TMC OR SEC PROGRAMS.

This course will make project engineers and technical managers more aware of the systems engineering process and will stress the importance of managing programs from a systems standpoint.

The course is directed toward managers of programs and systems engineers, not at practitioners of engineering. A distinction will be made between classical systems engineering and the management of systems engineering; an approach for planning for and executing systems engineering in a dynamic environment will be described.

Deadline: 2 February.

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 Edde, 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.

RISK MANAGEMENT (16 hrs.)

26-27 January; Tuesday-Wednesday, 0800-1600; Training Center. By: Dr. David Hulett, 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 C0245

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.

The NAWCWPNS/NAWS Announcements, published by the Technical Information Department (Code C64), disseminates work-related information to all Center personnel and is distributed to all personnel in the Rockeater on Thursday. To ensure accuracy, all items must be submitted in writing, preferably double spaced, and must include a sponsor code and phone number. The collection deadline for submissions is 1500 Monday. The following pick-up points for material have been established for the convenience of contributors: Room 100, Training Building (Carol Corlett, Code C622); Room 1000, Mich Lab; Room 203, Administration Building (Linda Brantner, Code C6101); and Room 212, TID Building (Ellen Mahoney, Code C6411). Items may be sent to Code C6411, or by FAX to 939-0945, Code C6411, ATTN: Ellen Mahoney, or mailed electronically to TID:ANC via the VAX. Any questions regarding the Announcements may be directed to Russell Bushnell, Code C6415.