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Jim McLane's Dixieland Band will strike up the merriment at the Heritage Inn at 3 p.m. on Sunday. Free admission is offered for this monthly Second Sunday Musicales.

Under the baton of Dr. Ron Burdick, the Desert Community Orchestra will present "A Romantic Concert" on Sun., Nov. 20. Featuring the romantic works of Beethoven, Mascagni, Shumann and Wagner, the performance will begin at 3 p.m. at the Base Theater

Christmas Shopper Alert! St. Michael's Christmas Bazaar and Bake Sale is scheduled at 200 Drummond Ave. for Friday, November 18 from 9 a.m. to 7 p.m. Featuring a sandwich lunch from 11 a.m. to 1 p.m., and a chili supper from 5 to 7 p.m., the bazaar will offer a white elephant sale and handmade crafts.

As a holiday treat, music students of the High Desert Music Teachers will collaborate with dance students of Sierra Academy of Dance to present "The Nutcracker and the Mouse King" at Burroughs High School Lecture Center on Sat., Dec. 4. Curtain time is 2 p.m. and tickets are \$4 for adults and \$2 for senior citizens and students under 12.

"Young American's Christmas" will be the theme for this year's Christmas parade on Sat., Dec. 3 at 10 a.m. Ridgecrest groups are invited to enter floats in the parade by picking up an entry form at the Chamber of Commerce office.

Chapter 2274 of the American Association of Retired Persons (AARP) will hold its November meeting on Sunday at 1 p.m. at the Ridgecrest Senior Center, 125 Warner St.

Chapel hosting seminar

"Building a Healthy Self-Concept," a six week seminar, will be presented at the Contemporary Worship Service meeting in Chapel Annex 4 (Blandy and Lauritsen) every Sunday from Nov. 6 through Dec. 11 from 9 to 10 a.m. "Building a Healthy Self-Concept" is a video series produced by Christian psychiatrists Paul Meier and Frank Minirth.

The seminar is sponsored by the All Faith Chapel, Protestant congregation. For more information, please call Eleanor Hartwig, NWC ext. 2873, or Chaplain Beede, NWC ext. 2851.



	Max	Min	Gusts
Thurs.	87	47	9 knots
Fri.	88	50	9 knots
Sat.	88	51	14 knots
Sun.	89	58	31 knots
Mon.	80	47	24 knots
Tues.	74	48	19 knots

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Movies

FRI., SAT. NOV. 11, 12

"RAMBO III"
Starring
Sylvester Stallone and Richard Crenna
Col. Trautman is ambushed and imprisoned in a Soviet camp in Afghanistan. Rambo comes to the rescue.

(Action, rated R, 102 min.)

SUNDAY NOV. 13

"WILLOW"
Starring
Val Kilmer and Joanne Whalley
An evil queen seeks the death of a newborn infant who the prophets say will eventually unseat her. The baby is rescued and taken to a safe haven by a young dwarf with the queen's armies in pursuit.

(Fantasy, rated PG, 126 min.)

WEDNESDAY NOV. 16

"STREET SMART"
Starring
Christopher Reeve and Mimi Rogers
An ambitious reporter fakes a story about a New York City pimp and endangers himself and the lives of others when the story coincides with the life of a real pimp who's on trial for murder.

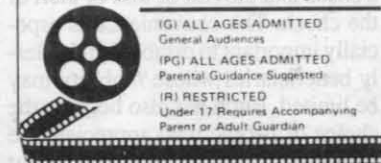
(Drama, rated R, 97 min.)

FRIDAY NOV. 18

"ARTHUR II ON THE ROCKS"
Starring
Dudley Moore and Liza Minnelli
Arthur has drunk himself into a homeless state after a series of anxiety-causing conflicts. He tries to find work but is thwarted at every turn while his wife once again adapts to waitressing.

(Comedy, rated PG, 113 min.)

Prices vary.
Starting Times: Matinee 2:00 pm Evening 7:00 pm
Box Office Opens: Matinee 1:30 pm Evening 6:30 pm



(Naval Weapons Center, China Lake, California 93555-6001)

Vol. XLIII, No. 43/November 11, 1988

Navy honor goes to Corzine

Receiving a standing ovation from his colleagues and receipt of the Navy Superior Civilian Service Award were two memories Bob Corzine carried with him as he retired from the Naval Weapons Center on Monday.

Capt. John Burt, Commander, Naval Weapons Center, presented the certificate and medal to Corzine in recognition of his contributions in support of the national defense during his 30-year career.

"You have distinguished yourself

throughout your career at the Naval Weapons Center as a national leader in the field of antiradiation missile technology," said Capt. Burt. "Your contributions to the basic technology used in all anti-radiation missiles, your keen insight into the conceptual design, and your broad understanding of the strategy and tactics of defense suppression have forever improved the operational capabilities of the military forces of the United States.

"Your inspired leadership, dedication to duty, and creative bril-

liance reflect great credit upon yourself and are in keeping with the highest traditions of the Navy," he added. RADM. John Weaver, Commander, Space and Naval Warfare Systems Command, added his congratulations via an approval letter. "You have been a pioneer in the development of broad-band microwave components and anti-radiation missiles," said RADM. Weaver. "You were instrumental in creating the High Speed Anti-Radiation Missile (HARM) Low Cost Seeker, a low-cost, high-powered missile that will

be in our weapons arsenal for years to come."

Corzine said that he was overwhelmed by the high turnout at the retirement luncheon and credited his department for the awards he received. "Arriving at China Lake in 1958 was an opportune time," he said. "We had identified some real needs and I was able to work with many good people to achieve our successes."

Capt. Burt credited Corzine with

more than just his technical contributions. "He had the unique ability to combine his technical expertise with outstanding managerial and leadership skills," the Skipper said at the group luncheon. "He also made invaluable contributions by recruiting and motivating many of you in this room to reach your creative potential."

Corzine credited his wife, Martha, for her continued support during his career. He and Martha have three children, Christy, Kerri, and Andy.



CORZINE RETIRES WITH HONORS—Bob Corzine, left, receives a hearty congratulatory handshake from Capt. John Burt upon receiving the Navy Superior Civilian Service Award. Corzine retired from the Center after 30 years of technical contributions in support of the national defense.

States battled for ratification

(This is another in a series of articles on the U.S. Constitution's Bicentennial.)

Writing and ratification of the U.S. Constitution wasn't without difficulties. At the time, the decision was only slightly more popular than remaining under the Articles of Confederation.

For example: Patrick Henry so opposed the Constitution that he declined appointment

to the Virginia convention delegation. Additionally, he fought the ratification during the state convention in 1788 on the grounds that a constitution would be an encroachment of the federal government on the Commonwealth of Virginia. He believed the rights of the state would be insufficiently protected under the Constitution. It was this argument that led to introduction of the Bill of Rights by Virginia.

Rhode Island refused to send a delegation to the convention. It was only after Congress threatened to impose import tariffs on Rhode Island products, that the state ratified the Constitution; and then only by a 34-32 vote.

The Constitution did not have popular majority support in 1788. John Adams, a future president said, "It was extorted from the grinding necessities of a reluctant people."

Bill Woodworth honors Data link skills get attention

More than 36 years of hard work earned Bill Woodworth the Navy Meritorious Civilian Service Award on Monday.

"I award you with the highest honor I can give in recognition of the outstanding performance you have demonstrated during your 36 years of service and, in particular, your dedication to the success and advancement of data link systems," said Capt. John Burt, Commander, Naval Weapons Center.

The honor caught Woodworth off guard at the Commanders meeting. He received his medal and certificate from Capt. Burt on behalf of The Department of the Navy.

Nominated by Paul Homer, head, Attack Weapons Department, Woodworth has worked at the Center as an electronics engineer conducting research and advanced development of systems and components relating to digital and analog information systems.

He has published many technical articles and has 17 issued patents to his credit. Among his most outstanding contributions is his work on the two-way data link system for the Walleye weapon. During the war in Southeast Asia, he was called on to rapidly develop the system, which he did in record time. It was subsequently introduced to U.S. Forces which then successfully used it to attack specific high-value targets.

Most recently, he has been working on the development of a new data link system for the Walleye weapon. (Continued on Page 2)

Computer viruses pose security risks at Naval Weapons Center

Computers and computer networks at the Naval Weapons Center are not necessarily immune to the computer viruses known to have infected computers throughout the world recently. The best medicine, as in the case of a human virus, is prevention. Following proper security measures may not prevent infection, but reduces the risk.

"Now, more than ever before, users should frequently backup their information in case a virus hits," said Judy Yates, NWC computer security officer. "There are means available to recover your information if a virus hits if you have used sound backup procedures."

"A computer virus can be transmitted via code written into a program and carried by networks that instructs the virus to replicate itself (consuming memory) or to alter legitimate code (scrambling data)," she said. Other symptoms of computer virus could be strange messages received, eg., "Welcome to the Dungeon" or "Merry Christmas," or losing data stored on floppy disks.

Viruses are started by persons who intentionally insert foreign code into programs which are then copied or transmitted via computer networks. The spread of the virus via infected diskettes can be slowed if operators stop using diskettes or tapes of unknown origin, according to Yates. "Be cautious of freeware, shareware and be wary when downloading from bulletin boards," she said.

Viruses can be "carried" by a network. Measures to "innoculate" the networks and prevent them from acting as carriers are currently being investigated. The Information Systems Group (Code 27) is working closely with the Computer Security Office to provide support to ensure minimal effects of future computer virus problems. The Center has already been



plagued with several viruses that have been fairly benign. Each case is being documented and tracked back to its point of origin. "If users feel that their computers may have succumbed to a virus, they should immediately report the problem to the NWC Computer Security Office, NWC ext. 2745, or to the PC Lab, NWC ext. 6631," said Yates. "Even the most security conscious user may be a potential victim."

"The best medicine is prevention"

More than 39 documented viruses have been known to attack a variety of computers, including Macintosh, VAX, and IBM. "The potential for a computer to be infected is present, but users must not panic," said Yates. "A coordinated team effort Center-wide is needed to cost-effectively handle this newest computer security threat."

For more information on computer viruses or other computer security issues, call the Computer Security Office, NWC ext. 2745.

Contractor delivers

DALLAS—Texas Instruments delivered the first High-Speed Anti-Radar Missile (HARM) AGM-88C1/Block IV guidance section to the Naval Weapons Center for test and evaluation on Nov. 2.

TI's Block IV design and development program is a hardware/software evolution to ensure that HARM is capable of countering threats of the 1990's and beyond, thus maintaining HARM as the premier weapon used by both the U.S. Navy and U.S. Air Force for their defense suppression mission.

The Block IV program is the first performance hardware change since 1978 and will provide significant capability enhancement and full weapon system specification compliance against new sophisticated threats.

Additional design enhancements and producibility and testability improvements have been incorporated into the Contractor Test and Evaluation phase design. Five guidance sections are scheduled to be delivered later this quarter for captive flight tests with missile firings scheduled for the fourth quarter of 1988.

Wellness training courses outlined

What is wellness? "It is anything that improves the quality of a person's life. It is improved human health, having ample energy for work, play, continuous self-improvement and self discovery," according to the new Wellness Training Catalog.

This publication is a "look at a glance" at on-Center training in support of the Wellness Program. Included are the Wellness course schedules and descriptions from the Naval Weapons Center's Training Center and the Morale, Welfare and Recreation divisions. There is also a listing of Wellness books, audio cassettes and vide cassettes available from the Learning Center.

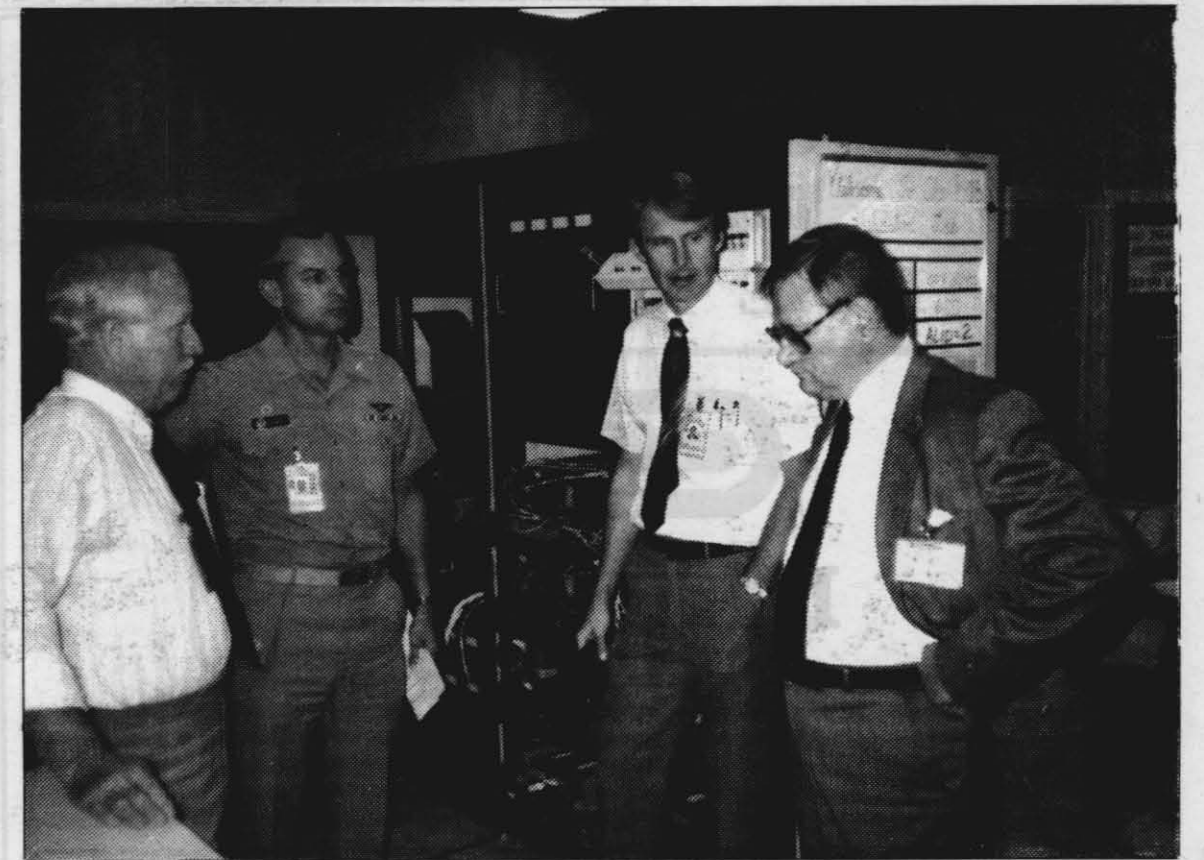
The catalog, recently distributed to branch heads, is another attempt by the Wellness program to increase the

wellness knowledge of Center employees.

"Wellness is being relatively free from minor illnesses and well-protected within genetic limitations from serious, acute and chronic degenerative diseases," continues the catalog preface. "Wellness programs can include major topics of health habits, weight control, physical activity, personal development and professional development."

"A person can successfully make a lifestyle change only if ready to make such a change," it continues. "Awareness of how to change is followed by an education process. After goal setting comes an evaluation and maintenance process."

For more information, call Betty Miller, NWC Wellness Program Manager, NWC ext. 3162.



NIGHT ATTACK LAB—Thomas S. Hahn (right), counsel to the U.S. House of Representatives' Subcommittee on Research and Development, Armed Forces Committee, talks with Nick Schneider (Code 3101) Capt. John Burt and Rich Blosser (Code 311) during his visit to NWC last week.

SSA to pay Thrift Shop via EFT offers value

For many years the Social Security Administration (SSA), assumed a beneficiary would receive benefits by check through the mail. From now on, if you are applying for benefits, SSA will assume you want to have your benefits paid directly into your bank account.

The step is a result of technological improvements which make the electronic transfer of funds a great deal more efficient than the paperwork involved in the old method. As a result, the Treasury Department no longer requires beneficiaries complete an authorization form at their financial institution for direct deposit. Now, during the initial claims interview, the Social Security representative can input their request for direct deposit directly into the computer and start the direct deposit process along with processing the claim.

Direct deposit has been around since 1975. Today, more than 48 percent of Social Security beneficiaries have the service. Most people chose it as a matter of convenience. It eliminates waiting at the mailbox for the check to come, waiting in line to cash a check and the risk of loss or theft of the check. The convenience is especially important to disabled and elderly beneficiaries whose mobility may be limited. But it has also become the choice of people who appreciate the convenience of not worrying about their check when they are away from home.

People who already receive their benefits by check can arrange for direct deposit simply by calling the nearest Social Security office with their checking account or savings account number. Social Security can arrange to have the checks routed directly to their accounts.

The phone number of the Social Security office in Ridgecrest is 446-2050.

When you purchase items from the Center Thrift Shop, you benefit yourself and local non-profit agencies. The shop offers value-priced items from uniforms and other items of clothing to household goods. Located on Lauritsen Road, near Navy Relief, the shop is open Monday and Wednesday from 8:30 to 11:30 a.m., Tuesday 6:30 to 9 p.m. and Thursday 10:30 a.m. to 12:30 p.m.

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FMA chapter hosts zone conference

Members of the China Lake Chapter, Federal Managers Association (FMA), will host the Zone 10 Conference on Nov. 19 at the Naval Weapons Center's Commissioned Officer's Mess.

The organization's national execu-

tive director and chapter representatives from California, Arizona and Nevada will be on hand.

Highlighting the event will be the luncheon with Nancy Crawford discussing the personnel demonstration project; background, statistics and

how it can be adopted to other agencies.

The \$8 registration fee includes all sessions and lunch.

Call Joe Hibbs and NWC ext. 3673 and Carol Conrad at NWC ext. 2234 for reservations. The reservation deadline is Tuesday.

THE WHITE HOUSE WASHINGTON



September 29, 1988

MEMORANDUM FOR ALL FEDERAL CIVILIAN EMPLOYEES AND MILITARY PERSONNEL

This year's Combined Federal Campaign, the last to begin during my term in office, offers Federal employees the opportunity to continue an unmatched record of generosity and to show our concern for the less fortunate in the United States and around the world.

No matter where we are, whether here in Washington or serving in uniform far beyond our Nation's borders, the Combined Federal Campaign makes it possible for us to demonstrate the generosity that has made the United States of America the world leader in charitable giving.

Your record of generosity and concern for others has been a matter of great pride to me. I am confident that this grand record will continue in this final Campaign during my Presidency.

While the decision to give is personal and voluntary, I'll be doing my part, and I hope you will, too, in wholeheartedly supporting the 1988-1989 Combined Federal Campaign.

Thank you, and God bless you.

Ronald Reagan

CFC to end next week

Loretta King, co-chairman of the Combined Federal Campaign, reminds all China Lakers that the campaign will end next week. Any individuals of divisions who have not received a CFC presentation should contact King at NWC ext. 3511.



WOODWORTH RECEIVES MEDAL—Capt. John Burt pins the Navy Meritorious Civilian Service Award on Bill Woodworth.

Navy award presented

(Continued from Page 1)

ing on the design and demonstration of a unique adaptive noise cancellation system for video data links. His work on conceptual design and testing of a very high performance spread-spectrum frequency hopping command link system will be invaluable

able in future weapons systems.

Woodworth has received the Michelson Laboratory Award, two McLean Awards and the Further Invention Award (now known as the H.G. Wilson Award).

Woodworth and his wife, Clarita, have two children, Joan and Paul.

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Reserves gain recruiter

Providing accurate information about the new Navy Reserves Program is the stated goal of Petty Officer "Chalk" Langley, Ridgecrest's new Navy Reserves Recruiter.

"This is the first time our program has had a recruiting office here. We're located at 1615 Lauritsen, right next to the Red Cross office," said Langley. "The phone number is 446-4217 and I'm available Monday through Friday from 9 a.m. to 6 p.m."

Langley is eager to discuss opportunities available through the Reserve Program with enlisted members who are leaving the Navy and with civilians between the ages of 26 and 36. The Navy Reserve program involves working one weekend per month and

two weeks per year in a specific billet.

"The Navy Reserve program offers a way for separating active duty military personnel to continue working towards a military retirement and receive compensation for their contributions," explained Langley. "Civilian personnel can also enjoy an array of benefits and work in their field, if it falls into a needed billet."

Many reservists are able to work right here at NWC for their monthly assignment. The Seabee unit, which has several vacant reserve openings, spends its two-week tour in such places as Japan and the Philippine Islands. The Seabee reserve unit is looking for specialists in the building and construction fields, equipment

operators, surveyors and mechanics.

Information on Reserve Officers programs (eg., LDO and warrant officer) is also available.

The new Navy Reserves program offers new educational benefits, increased level of family benefits and a new role within the Navy family.

Petty Officer Langley wants his office to be used as a storehouse of information regarding Navy Reserve programs and their benefits. He has completed specialized training in Naval Reserve Recruiting, has four years' experience in Reserve recruiting and is fully qualified to answer questions ranging from eligibility, open billets, compensation and benefits, and specific schools available.



The Skipper Sez...

QUESTION

I am confused about the government travel regulations in regards to telephones. The JTR says we may use the telephone to call home when we are out of town; however, Travel says this is not a reimbursable expense. It sounds to me like a conflict in the regulations. Please explain.

ANSWER

I understand your confusion regarding use of personal telephone calls when on travel. The Travel Office can reimburse only allowable expenses based on the Joint Travel Regulations.

The current Joint Travel Regulations on this matter states: "Personal calls, calls reserving hotel accommodations, calls applying for leave of absence or extension thereof or inquiry concerning payment of salary or expense vouchers and answers thereto, will not be allowed at Government expense."

I can tell you that recent inquiries to the Per Diem Allowance Committee have advised us that a change to allow personal calls is in the works. As soon as we hear of the change and its provisions, we will notify travelers by the NWC Announcements or Travel Tips. Meanwhile, we are obliged to carry out the current rules.

All China Lakers, including military personnel, civilian employees and their dependents, are invited to submit questions to this column. Such queries must be in good taste and pertain to matters of interest to a large segment of the China Lake community. Answers to these questions are directly from Capt. John Burt. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or four questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-of-command channels.

National Military Families Day observance set by Congress

A congressional resolution and a secretary of defense message will recognize Monday, Nov. 21, as National Military Families Recognition Day — the Nation Thanks You.

"We appreciate our military families because they contribute significantly to military readiness and retention of that valuable military member," said Kathleen O'Beirne, DOD's family programs information coordinator. A service member's main reason for staying in the service is job satisfaction, whereas surveys show that one of the major reasons for separation is the family's inability to cope with the challenge of the military lifestyle, she said.

A DOD effort to commemorate the day will be marked by selected post offices in the United States. These offices will cancel mail with the postmark "Military Families Recognition Day — the Nation Thanks You." The postmark will be applied to all official mail from the Office of the Secretary of Defense leaving the Pentagon and letter mail canceled at selected post offices in New York City, Miami, Seattle, San Francisco and Washington, D.C.

"Military Families — Ambassadors at Home and Abroad" is the theme for this year's event during National Family Week, Nov. 20-26. The theme was chosen to focus on "the wealth of experiences and cultures military families bring to their communities," O'Beirne said.

Navy League plans meeting

One week on board the U.S.S. Vincennes will be the feature of a slide presentation by Richard Suprenant at the Indian Wells Valley Council of the Navy League on Nov. 17 at the Naval Weapons Center's Enlisted Mess. Suprenant boarded the ship in Hawaii and sailed on it to its home port of San Diego on Oct. 24. He was

guest of his son, FC2 Andrew Suprenant, on what is termed a "Tiger Cruise" for male relatives of crew members. Social hour will be at 6 p.m., with dinner following at 7. Dinner will feature a choice of two dinner items for \$10. For reservations, please call 375-2610, 375-5314 or 446-6625.

Conversions to SK ratings open

WASHINGTON (NNS)—Attention women aviation storekeepers second class, there are excellent opportunities available for conversion to the Storekeeper Rating (SK).

The opening of combat logistics force ships has greatly increased the number of women needed in the SK rating. Advancement for women SK's is expected to be greater than those in the aviation storekeeper rating.

Those who would like to take advantage of this unique opportunity to use supply management skills now while improving career opportunities, should see their local career counselor for more information.

ATMs tested on board ship

SAN DIEGO, CALIF. (NNS)—Sailors may soon see Automatic Teller Machines (ATM) become a part of their shipboard life if a test program is successful.

ATM's are now being tested on six Navy ships, and have received positive support from crewmembers. Shipboard ATM's would work just like an ATM on shore, from which sailors could withdraw money as they need it. Program officials hope that sailors use the ATM as a way to safeguard their money.

CHOOSE THE NAVAL RESERVE—Petty Officer "Chalk" Langley is now located at 1615 Lauritsen to answer questions about the Navy Reserve programs.

Soviet Seapower team sets presentation

On Dec. 1, the United States Navy's Soviet Seapower Education Program will be presented at the Naval Weapons Center's Theater. This two-hour multimedia presentation is open to interested members of the Indian Well Valley community starting at 7 p.m.

In addition to this unclassified showing, two presentations at the SECRET level will be given for Naval Weapons Center military and civilian employees on Dec. 1 and Dec. 2.

Admission to the classified presentations will be with a color-coded ticket and an NWC badge showing the appropriate clearance

level. Tickets will be distributed by department offices. Seating is limited and only ticket holders will be allowed in.

These presentations are scheduled for a 7:30 a.m. start each day. The programs end at 3 p.m., including a lunch break.

The presentation gives area residents a rare up close look at the Soviet Union and its people, and Soviet naval doctrine, tactics and motivation. Only one performance of this program will be open to the public. The team last visited NWC in 1986.

The performance features a five-

person Navy team using slides, video tapes, Soviet music and role playing as the role and origins of the Soviet Navy are described. The show starts with the role of the Navy under Tsar Peter the Great and carries through until the present.

Highlights of the checkered history (Continued on Page 9)



Divine Services

Temporary Schedule for Protestants

Sunday Worship Service (NWC Theater) 10:30 a.m.
 Sunday School (September thru June) 9:00 a.m.
 Bible Study (East Wing)
 Wednesday 11:30 a.m. (September thru June)
 Thursday 6:15 a.m. Men's Prayer Breakfast
 7:00 p.m. Officers' Christian Fellowship
 Christian Military Fellowship

Islamic

Jumaa Prayer (Friday in Annex 4) 12:00 p.m.

Temporary Schedule for Roman Catholics

Sunday Mass (NWC Theater) 9:00 a.m.
 Daily Mass (1008 Blandy) (Monday thru Friday) 11:35 a.m.
 Confession (Monday thru Friday) any time by appt.
 Confession (Sunday) (1008 Blandy) 8:15-8:45 a.m.
 Religious Education Classes (Sunday) (Chapel Annexes) 10:30 a.m.
 (September thru May)

Jewish

Weekly Services (Friday - Chapel Annex 4) 7:30 p.m.
 Adult Hebrew Lessons (Saturday in Chapel Annex 4) 9:00-10:00 a.m.
 Sabbath School (Saturday - Chapel Annex 4) 1:00-4:00 p.m.

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NWC Commander — CAPT. JOHN BURT Editor — STEVE BOSTER
 Technical Director — GERALD SCHIEFER Associate Editor — KAREN EVERETT, APR
 Public Affairs Officer — DENNY KLINE Editorial Assistant — PEGGY SHOAF

Staff Photographer — PHAA CARY K. BRADY

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That vessel we call man

In any well-established home, one can find a variety of vessels ranging from exquisite pieces of china and crystal to rather ordinary pots and utensils for use in the kitchen. Not all of these vessels are considered valuable or delightful to look at, yet each, from the most ordinary and functional to the most expensive and beautiful, has a definite use for the household.

One would certainly never cook a roast in a fine china tureen, but without the common and inexpensive roasting pot used for oven baking, one would have no dinner.

The value of any vessel or utensil lies not only in the material from which it is made, but in the use to

which it is put. The story goes that an elderly woman once visited a humble cottage in Scotland and requested a glass of water. Immediately afterward and to this day, the ordinary cup that the visitor used was kept under a glass cover for public display, never to be used again—that elderly lady was Queen Victoria.

So it is with man who is, indeed, a "vessel of clay" fashioned by the divine potter. Each of us is a "vessel" made of frail, rather ordinary material by a Creator who places infinite value on His work. The key to approaching an understanding of why such fragile "vessels" should be so prized by the Creator rests not only in the fact that all of us are created in the Maker's likeness with an immortal soul, but also in our potential to reflect glory back to Him

through our lives.

We are, furthermore, enjoined by the Lord to keep our lives unspoiled by anything "profane and vain" or "foolish and unlearned" (2 Timothy 2:16 and 23). And so man, "vessel of clay" and creature of God, is the "crown of creation" in any age: his ability to consciously choose to give glory to his Maker established him as precious in the eyes of God. Though weak, though prone, at times, to act out of harmony with his Creator's design, this "vessel" stands more nobly and more valuably than he sometimes cares to believe. No earthen vessel imaginable, intricately fashioned of gold or gems, could ever compare to man in touch with the One who fashioned him out of nothing.

By LCdr. S. A. Casimano, CHC, USN
 Command Chaplain

Notice spells out policy

Naval Weapons Center employees are again reminded that they must not directly or indirectly use NWC facilities, property or manpower to conduct personal business by advertising their Center office telephone number as a contact with

intent to sell or buy personal property such as automobiles, household items or recreational vehicles.

There has been a recent increase in use of office telephone numbers

being used in advertising of local publications in recent months. All military and civilian personnel should be sure they understand and

comply with NWC Notice 5370 *Standards of Conduct Policy*.

Award goes to Laffoon

Providing outstanding administrative support to ensure the success of the First Navy Independent Research/Independent Exploratory Development Symposium earned Doris Laffoon the Naval Weapons Center's Commander's Award for Excellence in Mission Support.

Laffoon received her award at the Commander's Meeting on Monday. Nominated by Research Department Head Ron Derr, the award recognized Laffoon's contributions to the symposium held in June in Maryland.

"Your hard work brought credit to all of us here at the Center," said Capt. John Burt, Commander, Naval Weapons Center. "Your time, energy and dedication were responsible for the effective planning, organization and execution of the symposium."

Laffoon also received special comment by the planning committee for the Symposium: Jerry Reed, past Director of Navy Laboratories; Dr. Fred Saalfeld, Office of Naval Research; and Dr. Phil Selwyn, head of the Office of Naval Technology.

"Her total effort went far beyond her assigned work tasks and her performance brought credit to the Naval Weapons Center," read Derr's nomi-

nating letter. "Accordingly, a collective thanks from the Center is appropriate."

Laffoon is the head of staff for Code 38, the Research Department and has worked at the Center for 23

years. She and her husband, Doug (a firefighter with the Safety and Security Department), have three daughters, Lorinda, Rhonda, and Tami.



LAFFOON RECEIVES COMMANDER'S AWARD—
 Capt. John Burt, left, and Ron Derr, center, congratulate Doris Laffoon on her receipt of the NWC Commander's Award.

Technical Societies at China Lake

SPACE to be topic

On Tues., Nov. 15, the American Institute of Aeronautics and Astronautics will host a video luncheon from 11:30 to 12:30 in the Drydock Room of the Enlisted Mess.

This month's theme is SPACE, and will include the era from Goddard to Armstrong. Footage will be shown of the V1, V2, Sputnik, X-15, Explorer 1, Vostok, Mercury, Gemini and Apollo programs.

Everyone is invited to attend, reservations are not necessary.

AOC meets Nov. 21

Captain Paul Skopowski, a readiness officer on the staff of COM-MATVAQWINGPAC, Whidbey Island, Wa., will be the guest speaker at the November meeting of the Association of Old Crows (AOC). Capt. Skopowski will talk on EA-6B ICAP II capabilities and tactics. A discussion of EA-6B operations in the Persian Gulf, including ASQ-191 (see *Aviation Week & Space Technology*, Oct. 24, Page 48) will be discussed.

The Nov. 21 meeting will be held in Room 1000D in Michelson Laboratory and is open to all personnel with a SECRET clearance. Refreshments will be served from 4:30 to 5 p.m. and the meeting will start at 5 p.m.

People desiring to attend the briefing should contact Gail Salter at 446-5561 or LCdr. Frame at NWC ext. 2951/232.

IEEE hosts program

On Wednesday, Dec. 7, the IEEE videoconference "Supercomputers" will be held at the Flight Deck at Heritage Inn in Ridgecrest. Registration will be held at 8:30 a.m. and the program will run from 9 a.m. to 12 noon.

The videoconference, sponsored by the China Lake Section of IEEE, will define what a supercomputer is in technical and practical terms. Viewers will learn who builds them, where they are, and how they can be accessed. The technical manager and practicing engineer will be exposed to the "ins and outs" of using supercomputers by examining relevant aspects of architecture, performance, vectorization, etc. The latest applications will be examined.

This program will emphasize the practical, rather than the theoretical, aspects of supercomputing and is intended for technical managers, analysts, programmers and others in business, industry, government, the military and academic institutions. Pre-registration: NWC employees should submit NWC Form 12410/73 to Code 224 by Nov. 21. No fees are required for NWC employees. For people not employed by NWC, the fee is \$3 for IEEE members and \$5 for non-members. Checks should be made out to IEEE and sent to Edward Brann, 637 W. Wildrose, Ridgecrest, CA.

For more information, call Ed Brann at 375-9428 or Dave Koelsch, NWC ext. 1974/1961.

Herrington to address NCMA

Lois Herrington, head of the Naval Weapons Center's Small Business Program Office, will be the guest speaker for the China Lake/Ridgecrest chapter of the National Contract Management Association (NCMA) meeting on Nov. 16 at the Hideaway.

L.R. (Tree) Crabtree, chapter

president, recently announced the local chapter had won the association's "Save-A-Member"

contest for chapters of less than 100 members since no members were lost last year due to failure to renew memberships. The national average was a loss of 21 percent of members non-renewal.

Advance reservations are requested of members, guest and other interested persons planning to attend the Nov. 16 lunch meeting. The buffet luncheon is \$6.50 per person and begins at 11:30 a.m. For reservations, please call Rita Hazelwood, Comarco, at 446-7671 ext. 352 no later than Monday, Nov. 14.

SRB is funded

WASHINGTON (NNS)—The Selective Reenlistment Bonus (SRB) program is alive and well for Fiscal Year 1989. The president recently signed legislation which authorizes and funds the program.

SRB requests should be made following the latest SRB award level plan.

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TOP SLOGAN—Joan McGregor came up with the best energy conservation slogan during the Energy Management Branch's contest. Capt. Ken Kelley, NWC Public Works Officer, presents a special plaque to McGregor of the Attack Weapons Department's Systems Effectiveness Branch for her slogan, "Energy—Join the wave, care enough to save." Photo by PHAA Cary Brady



Small gas leak closes building

Approximately 250 Naval Weapons Center employees were evacuated from the Engineering Laboratory and adjacent buildings Friday afternoon after a small chlorine gas leak was discovered.

At about 2 p.m. Friday, a small leak in a pipeline was detected by an automatic sensing device in the Engineering Department's Printed Wiring Board Shop. Roger Nickell of the Product Assurance Laboratories said the detection system was set to automatically detect the presence of one part per million of the gas in the printed wiring board facility.

Chlorine gas is used to regenerate the cupric chloride solution used to etch copper during the fabrication of circuit boards. Nickell estimated this chemical regeneration was done about once a week. The leak was in the one-inch diameter pipeline running about 40 feet from the gas cylinders to the cupric chloride etcher. A special regulator on the gas bottle is designed to allow the gas to flow if it is drawn out under a vacuum.

Because of this system a large leak is nearly impossible and only gas actually in the pipeline (approximately 225 cubic inches)

will escape. An automatic ventilation system kicks in when the gas alarm is triggered. This does a complete exchange of air in the room in about 30 seconds. Nickell stressed that this was a very small leak, but because chlorine gas is so dangerous, extreme safety measures were used to ensure no one was injured by the gas. "There was no green gas cloud," added Nickell.

The China Lake Fire Division secured the gas bottle and Public Works Department crews were called on to find the leak in the line after the facility was safe to enter.

Nickell praised Jim Smith, a plater in the Printed Wiring Board Laboratory, who was worried about possible damage to two valuable multilayer wiring boards he had been processing when the alarm went off. He donned protective clothing and a self-contained breathing device and was then escorted into the building to retrieve the boards designed for the AIM-9R Sidewinder program.

Engineering Department personnel will conduct a detailed failure analysis study on the pipeline and equipment to determine why the leak occurred. They will, noted Nickell, examine the seals and the pipeline to see if any other damage occurred.

Skipper talks of NWC origins

This month marks the 45th anniversary of the founding of the Naval Weapons Center (NWC). In commemoration of this event, Captain John Burt, NWC Commander, will speak to the Historical Society on Tuesday, Nov. 15, at 7:30 p.m. at the Maturango Museum.

The Commander will talk on the origins and early history of the Naval Weapons Center and its evolution

into the nation's largest and most diverse Research, Development, Test & Evaluation (RDT&E) center for aviation ordnance. His talk, amply illustrated with many historical photographs, is the result of extensive research and studies conducted by present and former members of the technical staff of NWC.

In November 1943, the Secretary of the Navy signed the order which

established the Naval Ordnance Test Station (now NWC) at Inyokern, Calif. Operations began immediately at the Inyokern airport, now known as Harvey Field, with the erection of temporary facilities. Concurrently, construction of the extensive permanent facilities was started at China Lake.

Admission to the meeting is free, and the public is invited to attend.

Boy Scouts join effort to feed needy families

For two weekends in November, members of Sierra Boy Scout Council, Boy Scouts of America, will gather to help feed the hungry in the Kern, Inyo and Mono county areas. The local appeal is part of a national good turn being conducted by the scouts to ease the food problem for

the more than 20 million Americans who go hungry at some time each month.

Reaching their goal of collecting thousands of cans of food, the scouts will supply local food banks in their communities. Food collected in an area will be distributed in that area.

Fliers, announcing the food drive, will be distributed on Saturday, Nov. 12. The following Saturday, Nov. 19, the scouts will return to pick up donated food. Individuals not receiving a flier may deliver donations to the Kern County Fire Station in Ridgecrest.

Navy News airs

Look for *Navy News This Week*, the Navy's weekly broadcast of Navy news around the world, on Channel 3 (Desert Cable TV) Friday evenings at 7 p.m.

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Patent awards

(Continued from Page 5)

Noland, Code 3957; and William P. Norris, Code 3853 also won patent awards.

Other patent award winners were: Gary A. Ozunas, Code 3942; John L. Piri, Code 3951; Louis D. Pracchia, Code 3626; Gary L. Puckett (twice), Code 3353; Russell Reed Jr. (twice), Code 3894; Victor L. Rehn, Code 3813; David L. Riggs, Code 3354; Darwin O. Rosenloff, Code 3626; Frank J. Schiavone, Code 3524; Robert W. Schwartz, Code 3854; John B. Seybold, Code 352; John M. Smith, Code 3333; Robert D. Smith, Code 39103; Horace D. Stanton, Code 3264; Richard C. St. Clair, Code 3924; Karl D. Stickel, Code 3335; Richard M. Swenson, Code 3903; Wayne H. Tanaka, Code 3153; Steven C. Tenbrink, Code 3924; Les W. Thronson, Code 3383; Solomon E. Waters, Code 3354; Greg A. Watson, Code 3944; Donald H. Witcher, Code 3903; and Howard S. Zimmerman, Code 3385.

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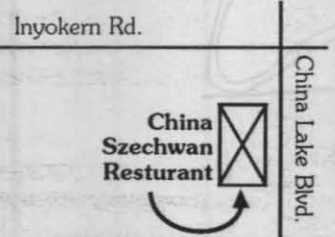


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All-Hands party this Christmas

Ticket sales will begin on Nov. 21 for the annual Naval Weapons Center all-hands Christmas party on Dec. 9.

Set for the Enlisted Mess with a 6 p.m. start, the party this year will feature a three-meat buffet and dancing to the music of Doree Taylor and her group "Class Act." Lt. Honor Rosar, RMCS R.S. Fulcher, Command Master Chief Frank Jones and Ens. Richard Chapman will be selling tickets.

Also, tickets will be available from Lt. Jg. Lynn Okamoto and ACC L.P. Hillewaert along with AC1 Kimberly Rusk. In addition, the NWC Public Affairs Office and Protocol Office will be selling tickets.

Enlisted personnel will pay \$7.50 per person while chief petty officers pay \$10.50. Officers and civilian employees will pay \$12 per person. There will be door prizes for attendees.



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This is the quickest means of reaching people in the Naval Weapons Center's Model Installation Program Office. They are there to assist China Lakers with the MIP process.

Inventors recognized at NWC

Ninety-nine cash awards totaling \$28,000 have been made to 83 Naval Weapons Center (NWC) inventors for their patent work this year according to Mel Sliwka, patent counsel.

Inventors are recognized with an initial award for filing a patent application, an additional award when a patent is issued and a separate award for patent publication.

Inventions, according to the Navy's Office of Civilian Personnel Management (OCPM) "are considered to be above and beyond normal job expectations," so formal recognition of employees who receive patents is strongly encouraged.

In the future, quarterly recognition of patent award winners will be published in *The Rocketeer*.

The China Lakers earning these awards are: Henry N. Adaniya, Code 3155; Frederick C. Alpers (twice), Code 35204; David K. Andes, Code 3903; Dewey P. Ankeney, Code 3353; Ronald L. Atkins, Code 3853; George A. Banura, Code 36214; Ralph K. Beyer, Code 3522; John O. Bratcher, Code 3275; John D. Braun (twice), Code 3272; George W. Burdette, Code 3244; Wayne A. Burnet-

te, Code 3646; Will Carey Jr., Code 3264; Andrew P. Chafin, Code 3853; May L. Chan (twice), Code 3244; Calvin A. Clayton, Code 3353; George E. Cooksey (three times), Code 3353; Randall D. Cope, Code 3331; and Josephine Covino, Code 3854.

Additional award winners are: Albert A. Defusco (twice), Code 3858; Robert J. Dinger, Code 3814; Harold S. Duff, Code 3925; Harold A. Duffy, Code 6253; David G. Ennis, Code 3526; William N. Faith, Code 3817; John W. Fischer, Code 3853; Aaron N. Fletcher (twice),

Code 3852; Melvin D. Foremaster, Code 3107; John P. Francis, Code 3241; Belmont Frisbee Jr., Code 3544; David Gold (deceased), Code 64; Herbert G. Gollmar, Code 3265; Arnold K. Green, Code 3813; Daniel C. Harris (twice), Code 3854; Donald W. Harris, Code 3925; George N. Hennings (twice), Code 3353; Bruce M. Heydlauff, Code 3521; Kelvin T. Higa, Code 3854; Marian E. Hills, Code 3854; Fay A. Hoban, Code 3924; Mervyn C. Hoover (twice), Code 3521; John W. Holtrop, Code 3383; and Curtis E. Johnson, Code 3854.

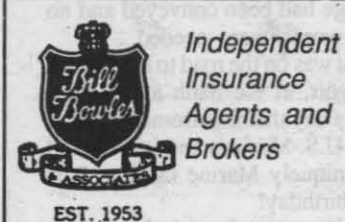
David J. Keller (twice), Code 3337; Jerome A. Kong (twice), Code 3274; Michael P. Kramer, Code 3264; Robert A. Licklider, Code 3903; Peter J. Love, Code 3813; C. Denton Marrs (twice), Code 3817; Eugene C. Martin (twice), Code 3858; Bruce O. May, Code 3544; George E. McManis III, Code 3852; Clarence A. Merzals, Code 3356; Tetsuo T. Miyatake, Code 3954; Mark B. Moran, Code 3817; Joseph A. Mosko, Code 35203; Marc L. Moulton, Code 3951; Arnold T. Nielsen, Code 38503; Richard L. (Continued on Page 12)

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PLANE CAPTAIN—AEAN Calvin Martin, assigned to the Naval Weapons Center Hotline, has been named Plane Captain of the Month for NWC's Aircraft Department. Airman Martin's hometown is Memphis, Tenn. He joined the Navy in March of 1986 after graduating from Northside High in Memphis in 1985. Airman Martin was recognized for his outstanding efforts as a plane captain since reporting to China Lake last year.

Photo by PHAA Cary Brady

Military Mail Call plays a vital part

Military Mail Call distributed hundreds of bundles of Christmas greetings last year, brightening the holidays for more than 100,000 servicemen and women. Cards and letters from groups and individuals across the country found their way to military members throughout the United States and overseas, many of whom were spending their first holidays away from home.

Christmas Mail Call is a fulfilling, worthwhile project for active duty people, reservists, military families, spouse clubs, retirees and many other groups and organizations. The program is sponsored by Military Mail Call, an independent, nonprofit activ-

ity not connected with the Department of Defense. For information on how you, your command or your group can participate in this unique program, please send your name and address along with a first-class postage stamp to Military Mail Call, Box 2066, Fort Benning, Ga. 31905.



'A' Schools available

WASHINGTON (NNS)—Enlisted personnel who are on their first enlistment and have been at their present command for at least 18 months may be eligible for

advanced skill training at one of 95 Navy "A" schools.

Training at "A" school may incur additional obligated service, so contact your local command career counselor for more information.

Winter uniforms start Monday

Attention all Naval Weapons Center military personnel! After an extension, the mandatory

change to the Winter uniform will now begin on Monday at 0001.

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November 11, 1988



Marines

(Continued from Page 1)

general of the Army, said, "I have just returned from visiting the Marines at the front, and there is not a finer fighting organization in the world."

Perhaps the most famous tribute to the marines was that of Admiral Chester Nimiz. After the Marines had secured the island of Iwo Jima during World War II, he wrote, "Uncommon valor was a common virtue. . . ." This tribute now appears on the U.S. Marine Corps memorial in Washington, D.C.

By 1883, 108 years after the birth, the United States Marines had been in no less than 19 major engagements and at least that many minor conflicts. In that same year, their loyalty to their country and willingness to defend their honor in any "clime and place" proven, the phrase "Semper Fidelis" (Latin for Always Faithful) was adopted as the official motto of the United States Marine Corps.

Among Marines, this phrase is more than just a motto. In 1983 a wounded Marine lay in a hospital bed in Germany, a victim of the Beirut bombing. Although he was blinded by the bandages on his eyes, the "never surrender" attitude passed on to him still burned bright. The young Marine, sensing a visitor, reached up and touched the four stars on the visitor's collar. The young Marine made signals to ask for a pencil and piece of paper. Then, as best he could, he wrote two simple words. . . "Semper Fi."

Tears welled up in the commandant's eyes as the impact of the note was driven home by its importance. Here it was again. That intense camaraderie which has always been so fiercely guarded by the Marines. The message had been conveyed and no more words were needed.

As it was on the road to the Chosin Reservoir, at Ke Sanh and Beirut, this is a day that is extremely special to the U.S. Marines and it is treated in a uniquely Marine fashion. It is their birthday!

Their respect for rules and standards, their readiness to sacrifice and their pursuit of excellence are qualities which the Corps holds evident to all Americans. So, if you should come across one of these "Soldiers of the Sea," don't hesitate to sound off with, "Happy Birthday Marine." You'll surely get a "thank you," but don't be surprised if the response you get is a boisterous "Semper Fi." By the Marine Aviation Detachment

November 11, 1988

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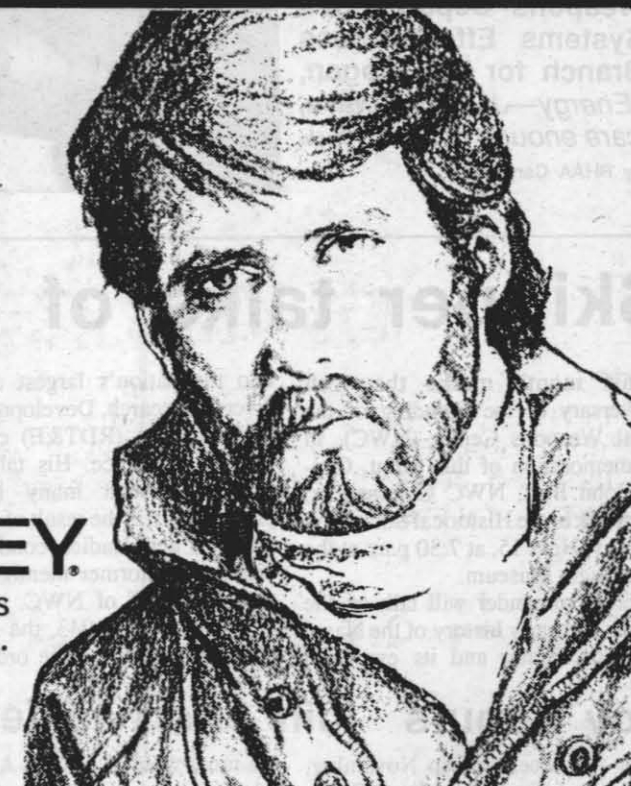
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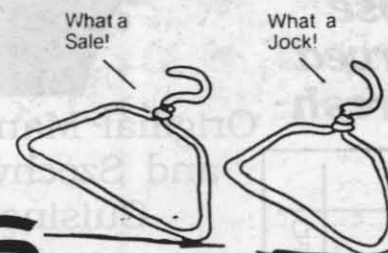


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WACOM GIVES OUT PROCEEDS—Fran Fletcher, far left, Thrift Shop supervisor, distributes checks to Lt. Brian Lewis, left, Navy Relief representative, and to Mark Sandson, United Way representative, far right, while Jalene Martin, WACOM president looks on. The United Way and Navy Relief each received \$2,424 from Thrift Shop profits for the last six months.

Ricker earns award

Stan Ricker, a Naval Weapons Center employee in the Comptroller's Office, was recently nominated for a Mumm Champagne Classical Music Award (the recording industry's equivalent of a 'Grammy,' according to Ruth Cooper, owner of the Art Buffet and editor of the *High Desert Council for the Arts* newsletter). The awards, sponsored by *Ovation* magazine, are decided by the magazine's readers. Recognized

for his talents as a sound engineer, Ricker was nominated in the category of Production and Engineering for a recording entitled "The Moscow Ses-

sions: Music of Barber, Copeland, Shostakovich, Tchaikovsky, et al."

Ricker placed second in his category. Ricker spent several weeks in Moscow in 1986 working with the Moscow Philharmonic to produce this work. He is also a talented musician and plays string bass for the Desert Community Orchestra, which is performing at the Base Theater on Nov. 20 and is a member of the Dixieland Jazz Band. He is also a tuba player with the Cerro Coso Concert Band.

"His nomination is a major achievement for one of Ridgecrest's most personable local artists," said Cooper.

Range t-shirts on sale

Distinctive t-shirts from the Naval Weapons Center's Echo Range (Code 644) are now on sale. These shirts show the Echo Range mascot on the front and the EWTES logo on the back. They are available in four colors, blue, red, grey and white, with printing in black. Shirts in sizes small children's through XXXL men's are

just \$8.50 each.

All profits help pay for the Aerosystems Department Christmas Party. To order one of these distinctive t-shirts, call Rose Short at NWC ext. 3571-237 or Cath Walston at 3571-213. Orders will be taken through Nov. 10.

China Lake motorists to heed traffic regulations

Motorists on board the Naval Weapons Center (NWC) are reminded that China Lake Police Division (CLPD) officers enforce state and NWC traffic regulations.

According to Kerry B. Swiggum, traffic manager, CLPD Operations Branch, areas of concentration for radar traffic enforcement for next week are listed.

- Monday — Blandy Avenue.
- Tuesday — Inyokern Road.
- Wednesday — Lauritsen Road.
- Thursday — Randsburg Wash Road.
- Friday — Gold Canyon Road.

Violations may be cited at anytime as well as in areas other than the ones mentioned above.

CPOA sells tickets

Tickets are now on sale for the annual Indian Wells Valley Chief Petty Officers Association's (IWV-CPOA) Thanksgiving Turkey/Ham Shoot.

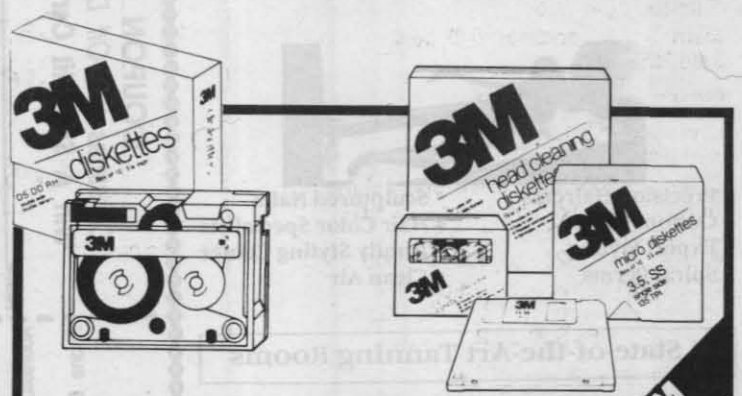
Fifty cents will buy a chance for a nice-size turkey or ham. The more tickets bought, the more hams and turkeys the IWV-CPOA will give away. Tickets may be purchased at the Top-4 Club, IWV-CPOA mem-

bers and friends, and the NWC Rockeeteer office, or call PRC Bowers at NWC ext. 2161, ADCS Evans at NWC ext. 5454 or EWC Waite at NWC ext. 2165.

The drawing will be held at the Top-4 Club on Nov. 18 at 6 p.m. Participants do not have to be present to win. All proceeds go towards holiday food baskets for the needy.



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Computing Technology's

Computer Store

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Beam up to Studio Tour

Beam up to Universal Studios Tour and enjoy savings that are out of this world during the military special month of November. See a "live" show and the new streets of the world deck for an incredible savings off the regular admission price.

The November Military Special price is only \$9.50 per person. Regular admission price is \$17.95 for adults (12 years and older) and \$12.95 for children (3-11). Children under three are admitted free.

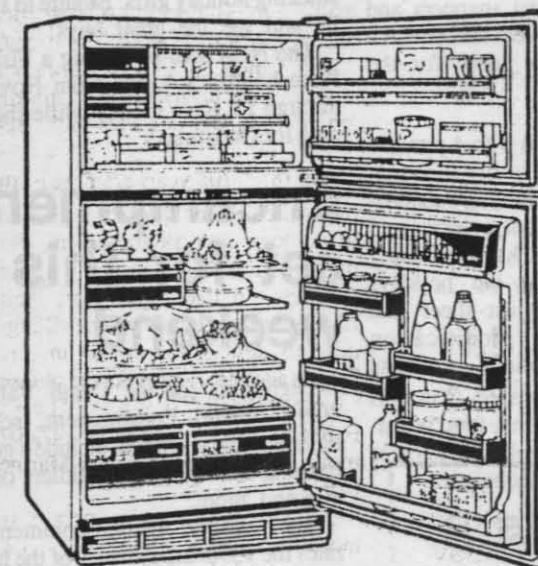
Universal Studios Tour opens Monday to Friday at 10 a.m. and on Saturday and Sunday at 9 a.m. The last tram departs at 3:30 p.m. each day. Parking is not included in the admission price and is \$3 per car or \$4 per R.V.

Tickets are now on sale at the Information, Ticket & Tour Office. For more information, call ITT at NWC ext. 2010.

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Hours:
Monday thru Friday
9 a.m. - 6 p.m.
Saturday
10 a.m. - 4 p.m.



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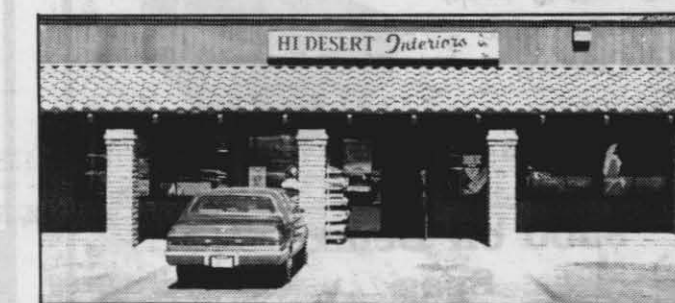
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NWC's Wellness Corner

On the third Thursday in November each year, the Great American Smokeout is held. This year's date is Nov. 17. The event, now 12 years old, is sponsored by the American Cancer Society, but thousands of other organizations, businesses, schools and hospitals, in addition to millions of individuals, join the nationwide effort.

The Smokeout is an upbeat, good-natured effort to encourage smokers to give up cigarettes for 24 hours. It focuses supportive attention on cigarette smokers from coast to

coast, and non-smokers join in the fun, helping them to quit for the day.

The goal of the 1988 Great American Smokeout is to get at least one in every five smokers to give up cigarettes from midnight to midnight on Thursday, Nov. 17. Anyone getting a late start on Thursday can extend the 24-hour period as long as necessary past the midnight deadline to get in a full day. It's great when smokers can prove to themselves that they can reach the goal of 24 hours of abstinence.

The Smokeout is celebrated in a

variety of ways in the American Cancer Society's 58 divisions and more than 3,000 units across the country. National programs, such as "Adopt-A-Smoker," will be used on most units, and actor Larry Hagman, National Chairman of Smokeout '88, demonstrates his commitment to the non-smoking cause by returning to head up the event for the eighth consecutive year.

The first mass movement by smokers to give up cigarettes was led by Lynn R. Smith, editor of the *Monticello Times* (Minn.) in 1974. Smith's idea, called "D-Day" (for "Don't Smoke"), quickly spread throughout Minnesota. In 1976, it skipped west, to California, where it became known as the Great American Smokeout. In 1977, the Smokeout was observed for the first time nationwide.

Smokeout 1987 reached new highs for participation in the day-long event. More than 19.5 million — or 39.1 percent — of the nation's 50 million smokers tried to kick the habit for the day. The success of the Smokeout and other anti-smoking efforts is reflected in the decrease in the number of smokers. Smokeout '86 statistics were based on 54.5 million smokers, and last year the more realistic figure of 50 million was used.

For Smokeout '88, smokers are urged to "Take a Breather." This helpful suggestion is offered to smokers on everything from t-shirts to payroll stuffers. In addition to the familiar programs such as quit-smoking clinics, "Cold-Turkey" luncheons and "Run Your Butts Off" races, there is a humorous new GAS postcard, a novel "I'm a Born

Nonsmoker" baby t-shirt and two brand new buttons. One reads: "Nonsmoker in progress, please be patient;" the other — with a Teddy bear logo — says: "I've quit smoking. Please bear with me."

In only twelve years, the idea of taking a day off from smoking has spread to other countries, such as Canada, Great Britain, Ireland, France, Australia, South Africa, Norway, Finland and Sweden. Although names and dates vary in other countries, there are increasing signs that non-smoking efforts are growing in other countries. Last year, the World Health Organization announced an increase in its budget for anti-smoking efforts in third world nations, and governments in countries like Cuba are backing non-smoking education programs.

###

Survival kits for the Great American Smokeout are available on a first come, first serve basis in Room 216 of the Civilian Personnel Building. The kits contain headless matches, Larry Hagman wrist snappers and other items. It is a great thing to give to the person you adopt for the Smokeout.

###

On Nov. 16, from 3 to 4 p.m., in Michelson Laboratory, Room 1000D, Lorraine Baty, registered dietitian, will present a lecture of healthy holiday food habits. Healthy food habits during the holidays require more than just sheer will power. Behavior modification guidelines for holiday wellness training will be discussed. Concepts include menu planning, food preparation, portion control, food choices and actual eating techniques.

NRS hours

Don't forget, the Navy Relief organization is available for your assistance on Monday, Wednesday and Friday from 11 a.m. to 2 p.m.

Timecards due early

While the Unisys (Sperry) 1100/80 computer is being moved to Lauritsen and Blandy, timecards, payroll and related financial reports will be processed at the Fleet Analysis Center in Corona.

Because of the extra time needed to transport timecards and documents, timecards for the week ending Nov. 19 will be due by Mon., Nov. 14 by 4:30 p.m.

If you have any questions, contact the Payroll Office, NWC ext. 2121.

NEX values offered

Starting Nov. 1, the Naval Weapons Center's Navy Exchange will be stocking holiday gifts. Be sure to stop by and see the great buys!

The NEX will be having a Fisher Price holiday toy sale from Nov. 5 through 15. Save money while shopping for Christmas!

Encampment set for this weekend

Highlights for the Death Valley 49ers' annual Encampment, scheduled for this weekend, include a gold panning championship, fiddlers contest and more.

The weekend festival commemorates the 139th anniversary of the historic pioneer entry and crossing of Death Valley.

Campsites in Death Valley are available on a first-come, first-serve basis. The monument will be full for the weekend, so early arrival is recommended for visitors.

The 49ers are private citizens from all walks of life who take the time to work with the U.S. National Park Service in conserving and making accessible for present and future generations, the Death Valley Region.

The annual encampment brings an estimated 20-30,000 visitors to Death Valley National Monument for this one weekend. All encampment events are free, except meals.

MOWC sets next meeting

Do you know the worth of your antiques? Joyce of Joyce's Collectibles and Antiques can help answer this question at the November 29 meeting of the Military Officers' Wives Club at Two Sisters Restaurant in Inyokern.

A social hour begins at 6:30 p.m. The dinner, a Mexican buffet, will be followed by a discussion of antiques and collectibles by Joyce.

MOWC is open to all wives of active duty and retired officers. Make your reservation by calling Nancy Allen at 446-4347.

Unisys

Comptroller personnel begin computer move to renovated facility

Office of the Comptroller employees have a new home ready and waiting for the organization's computer resources. The Administrative Computing Center (formerly the old Station Restaurant) is completely rehabilitated and ready for its new tenants.

Larry Hail, head of the Computing Systems Branch, said they will begin the process of moving the Unisys (Sperry) 1100/80 mainframe computer from the Computer Wing of Michelson Laboratory to the new home on Tuesday. He noted the staff expects to have the system up and running again by November 21.

The renovated building, at the corner of Blandy and Lauritsen, provides an environmentally controlled home for the Comptroller's computing functions. The computer facility is maintained at temperature and

humidity levels best suited for the equipment.

This building was rehabilitated under a Naval Weapons Center's Job Order Contract (JOC) as part of a Navy experiment with this type of construction contracting. Ron Gilchrist, JOC project manager for the Administrative Computing Center, said this type of contract makes the Navy and the contractor part of a team working toward completion of a project. He noted the Marine Aviation Detachment quarters and the new post office space at NWC were renovated under the JOC guidelines. "This is very, very beneficial to the Navy," commented Gilchrist.

All this is why NWC employees have to have time cards turned in to the Payroll Branch early for the next weeks. It's moving time!



COMPUTING CENTER—Working as a team, NWC personnel from the Office of the Comptroller and Public Works Department joined Alliance Properties in renovation of the old Station Restaurant to become the Administrative Computing Center. Celebrating completion of the renovation were (from left) front row; Tony Dorsey, Tina Cobb, Ron Gilchrist, Larry Hail and Curt Bryan, Comptroller. In the back row were; Tiyen Hu, Neil Higgins, Gordon Irvine, Jarold Simmons of Alliance Properties, John Graham of Alliance, Phil Davis and Keith Wills, head of Code 28 Financial Information Systems Division. Photo by PHAA Cary Brady

Center Library offers newest books and telephone reservation service

Stephen Coonts' newest aviation adventure book, *Final Flight*, is now available at the Center Library.

In the story, Colonel Qazi's international terrorist group's attempts to steal nuclear warheads off the USS *United States*, while it is in port in

Naples. Jake Grafton, commander of an air wing on the supercarrier, will have the chance, alone, to thwart Qazi in one aerial man-to-man dogfight—one final flight.

As in his previous book, *Flight of the Intruder*, readers can expect non-

stop action. Readers may call NWC ext. 2595 to reserve the book.

The Center Library is open Sunday from 10 a.m. to 6 p.m.; Monday to Thursday from 11 a.m. to 8 p.m.; and is closed Friday and Saturday.

Soviets at sea

(Continued from Page 3)

of the Soviet Navy, with its remarkable innovations and heroic actions countered by disastrous combat defeats and second class status to the country's ground forces are a leading part of this program. It provides a unique look at the personnel who man the ships in today's Red Navy.

In addition, those attending will get a "first hand" look at a Soviet naval officer and hear his comments about life in the navy and his observations about the United States.

Seating in the NWC Theater is on a first-come, first-served basis for this unclassified presentation. No tickets will be necessary. This team will not return to the Naval Weapons Center for some time, so area residents, Navy dependents and contractor personnel are encouraged to take advantage of these scheduled presentations starting at 7 p.m. on Dec. 1.

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Drop off at Visible Changes
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Name _____ Address _____ Phone _____
Name _____ Address _____ Phone _____

Drop off at Mr. T's
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COUPON
Christmas Kick-Off Drawing
Win 5 Free Tanning Sessions



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Elegant holiday gifts of genuine stones and diamonds in gorgeous 14KT gold settings. Rings, earrings and pendants to choose from. The perfect gifts for this season and all seasons. Including Landstrom's Black Hills Gold. Also crystal, silver, giftware, jewelry boxes, wallets, business card holders, money clips, travel kits, all with free gift wrapping. And, as always, lowest prices on 14 KT gold chains.

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in Sierra Lanes Plaza
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Adoption Papers

I, _____, as a nonsmoker, will take it upon myself to help _____ on the path to smokelessness. For my part I will provide you with constant encouragement, fruit and peanuts if need be, and a shoulder to cry on.

It will be expected that _____ will assist me by adhering to the following suggestions:

- Hide cigarettes, ashtrays, lighters and matches.
- Tell all your friends that you have been adopted and will not smoke on the day of the Great American Smokeout (GAS), the third Thursday in November.
- Call on your foster nonsmoker (me!) in times of weakness.
- Refrain from frequenting smoke filled rooms.
- Repeat to yourself over and over "not smoking is a GAS."

I, _____, the foster nonsmoker will try to cope the aforementioned smoker to continue on the road to smokelessness following the Great American Smokeout, but the formal arrangement will conclude 24 hours after it began.

Signed _____ Signed _____ Date _____
(nonsmoker) (temporary smoker)

DESERT MIRAGE

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Be-Bop Sailboard Was \$795 NOW \$397⁵⁰	Skurfer Launch Was \$150 NOW \$89⁹⁵	Skurfer Rage Was \$240 NOW \$149⁹⁵	Travel Bags from \$24 to \$85	Wet Suits UP TO 40% off
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COUPON

Christmas Kick-Off Drawing
Win A Pair of Ski-Optiks Sunglasses

Name _____

Address _____

Phone # _____

Drop off at Sports Oasis
Drawing to be held Dec. 21

NWC Rocketeer

November 11, 1988

SECTION II PAGE 17

Close scores highlight youth soccer games

Close scores and hard work highlighted the fifth week of play for the Naval Weapons Center's Youth Soccer League last weekend.

Division I

Owls 0, Cobras 0

Jacob Chastain and Shannon Parks helped keep the Cobras scoreless. Kevin Hill and Seth Keihner, however, did their part in stopping the Owls.

Eagles 3, Apollos 1

Two goals by Ben Labee and one by Chris Arisman, along with great plays by Kim Dodson and Joseph Janes, won the game. Derek Cash, Jerod Ellington, Jamie Carvalho and Birk Roseman tried, but couldn't stop the Eagles. Willie Eichenberg scored the only goal in the loss.

Express 1, Coyotes 1

A tie ended this battle as Brian Haugen, Mike Peterson, Alexa

Thompson and Matthew Augustine hobbled the Coyotes. Sam Elson scored the lone goal for the Express. Coyotes' goalies Eric Otto and William Powell had outstanding blocks and Chris Bailey played well. James Fujiwara knocked in the Coyotes' point on a penalty kick.

Division II

Sounders 3, Rockets 0

Good playing by Arthur Walker and goals by Chris Branson, Salvador Ramirez and Andy Dubois shot the Sounders to victory. Tries by Heather Staab, Jamie Critchfield, Randy Freund and Gary Hobson couldn't stop the loss.

Diplomats 2, Bullets 1

Jonathan Ford and Kevin Byrne booted in the winning goals. Plays by Kyle Jensen, Ray Hyles, Shane Summers, David Jensen, Ryan Lopez and James Ferguson aided the

win. Strong defensive play by Lisa O'Neil, Chris Waller and John Ames kept the Diplomats to two. Brian Smith scored in the loss.

Jets 1, Cougars 0

Danny Marin's lone goal decided the winner in this contest. Everyone on the Jets played well, especially Kevin Wallace, Kevin Cassidy and Bryan Kash. Cougars' goalie Meg Frisbee saved several shots at goal and Galen Wilson played a strong defense.

Whitecaps 2, Roughnecks 0

Excellent play by Jay Black and Tony Decario and goals by Nick Charlon and Kate George cinched the win. Good moves by Josh Behr, Jolie Robison, Karen Behr, Jeremy Peterson and Jesse Weston weren't enough in the loss.

Division III

Goalbusters 2, Soccers 2

Goals by Reed Zamlen and Brandon Rivera, and plays by David Estis and Phillip Turnbull weren't enough to give the Goalbusters the edge. Goalie Adam Summers prevented the Goalbusters from scoring more than two and Mercy Eizenga, Jesse Latis and Joey Aguilar were excellent on defense. The Soccers' goals were made by Robby Tomlinson and Randy Martin.

Strikers 2, Earthquakes 0

Glenn Conrad and Danny Hartley each scored and Jesse Beimes and Luke Woydziak played well for the win. Jason Mahoney and Kees Van Der Hoeck kept the Strikers from scoring in the second half. Goalies Mitchell Tims and Chris Potten had excellent saves in the loss.

Drillers 5, Stings 3

Three goals by Neil Covington and two by Ryan Lilly put the Drill-

ers on top. Matt Hill, David Berry, James Powers and Stephanie French were effectively stopped the Stings. Despite goals by Jason Ford, Richard Martin and Caleb Moore and good playing by Tom Davis, Tim Clark, Christy Davis, Cherish Norton and Tim Boisvert, the Stings ended on bottom.

Division IV

Fury 4, Whitecaps 4

Good Fury defense by Angie Keihner and excellent offense by Wesley Mouw made this an exciting game. Fury goals were credited to Hugo Montes, Tommy Fuller and Tom Foisy. Joshua Benson, Quannah Driver and John Keller made the Fury work to stay in the game. David Gartner knocked in two goals for the Whitecaps and Kevin Self and Elliott Borden each slipped one in for the tie.

Pistol match held by the Sierra Desert Gun Club set for this Monday

On Monday, Nov. 14, the Sierra Desert Gun Club will hold a pistol match at its club, located in the Naval Weapons Center.

Participants should meet at the

clubhouse at 7 p.m., with the match starting shortly thereafter. "The goal of the match is to have fun," said Charles Beach, president of the club. "We don't take our scores too

seriously."

A typical match consists of the following series of fire for both .22 and centerfire for a total of 60 shots: slow fire (10 shots in ten minutes), time

fire (two sets of five shots in 20 seconds), and rapid fire (two sets of five shots in 10 seconds).

There is pistol shooting at the clubhouse on every Monday and Thurs-

day evenings starting at 7 p.m.

People wanting more information should call the clubhouse around 7:30 p.m. at 446-3455 or Beach at 375-2900.

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November 17th, 1988
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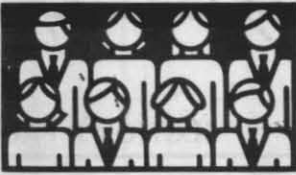
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Personnel News & Notes

Promotional opportunities

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

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

HOW TO APPLY: Submit the following: a current application, SF-171 or other Human Resources Department pre-approved form; a copy of your most recent annual performance assessment narrative (note: a copy of your performance plan should be attached if the annual performance narrative description does not clearly state the tasks/duties performed); and a completed Background Survey Questionnaire. A supplemental narrative which relates your qualifications to each knowledge, skill or ability (KSA's) as cited in the advertisement is always desirable and may be required if stated in the vacancy announcement. Write the title, series, level (grade), and announcement number on all application materials. Not submitting the annual performance narrative may adversely affect your evaluation scores. Prior to submitting your application, complete Cover Sheet Form 12355/2, available at the reception desk. Make sure your address, phone number, etc. are current, correct and that all forms are complete and accurate. If information is missing, your qualifications may not be fully and completely rated. Additional information cannot be submitted after the closing date of the announcement. A current date and a signature on the last page completes the application. Civilian Spousal Program Eligibles with competitive employment status must submit a copy of their sponsor's PCS orders with each application in order to be considered for Merit Promotion vacancies which do not state that status eligibles may apply.

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

No. 20-011, Administrative Officer/ Systems Accountant/ Inventory Management Specialist/ Program Analyst/ Management Analyst, DP-341/510/2010/345/343-3 (Please specify which series you are applying for), Code 208 - This position is located in the newly formed Equipment Management Office of the Quality Review Group (Code 20) which is responsible for the centerwide management of equipment. The position is that of Assets Capitalization Program (ACP) Manager reporting to the Head, Equipment Management Office. The incumbent is responsible for managing the Center ACP budget, requiring coordination with technical, management, administrative, and financial personnel. The incumbent will work with departments to insure that an effective process of ACP procurement, accounting, depreciating, and excessing is in place. The incumbent, utilizing current knowledge of and experience with ACP, will be responsible for planning, leading, and coordinating small internal or interdepartmental teams investigating specific equipment focus areas and recommend solutions. Results will be reported to Center management with follow-up as necessary to implement process improvements. **Job Relevant Criteria:** Knowledge of scientific and technical terms required; ability to communicate orally and in writing; knowledge of the Center overhead structure, familiarity with desktop computers, and experience in manipulation of large data bases desirable.

No. 31-068, Electronics Technician, DT-856-2/3, Code 3143 - This position is located in the A-6/AV-8 Test and Instrumentation Branch which is responsible for providing flight test engineering and instrumentation support for the A-6 and AV-8B tactical aircraft. Incumbent will assist and/or provide direct support to engineering design, fabrication, modification and post installation maintenance/repair of tactical aircraft test instrumentation systems. **Job Relevant Criteria:** Knowledge of basic electronics with emphasis on digital circuitry, airborne test instrumentation and telemetry; knowledge of tactical aircraft avionics systems, embedded microprocessors, and multiplex buses; knowledge of flight operations support and test range operations; skill in the use of test equipment and troubleshooting techniques; ability to interact and work effectively with all levels of personnel. Incumbent must be willing to work flexible hours. Promotion potential to DG-3.

No. 36-168, Supervisory Quality Assurance Specialist, DS-1910-3, Code 3681 - As head of the Soldering Process Quality Assurance Section, Soldering Technology Branch, the incumbent directs a multidisciplinary staff which provides technical assistance and support to Center programs in all areas of electronics manufacturing. **Job Relevant Criteria:** Knowledge of government specifications particular to MIL-P-55110 performance requirements for printed wiring; knowledge of MIL-STD-275 design requirements for printed wiring; knowledge of MIL-STD-454 workmanship standards; knowledge of and willingness to support NWC EEO program goals and objectives; ability to troubleshoot the processes used to manufacture printed wiring board assemblies; ability to become certified to WS-6536 Soldering Specification. The incumbent may be required to serve a one year supervisory probationary period. Promotion potential to DP-3.

No. 36-142, Office Services Assistant, DG-303-1/2, Code 3657 - This position is located in the Technical Data Division of the Engineering Department. Incumbent will mainly provide support to the Computer Aided Engineering Service Center in the areas of equipment inventory, ordering and tracking of supplies, preparation of timecards, and tracking of some budgetary information. Incumbent will also provide clerical support to the division and other

branches within the division as needs arise. **Job Relevant Criteria:** Ability to collect, organize, analyze and present information in a logical format; ability to communicate orally and in writing; skill in operating a Macintosh Computer is highly desirable. Promotion potential to DG-2. Status eligibles may apply. Previous applicants need not apply.

No. 39-021, Supervisory Electronics Engineer, DP-855-2/3, Code 3913 - This position is Head of the Encounter Simulation Section, Missile Effectiveness Branch, Missile Systems Division, Intercept Weapons Department. The section is responsible for the operation and maintenance of the Encounter Simulation Laboratory (ESL), a detached NWC facility. The ESL function is scheduled for transfer to a new China Lake facility, the Missile Engagement Simulation Arena (MESA), in 1992. The duty station for the position is Norco, California until the transfer to China Lake in 1992. **Job Relevant Criteria:** Knowledge of and experience with control and recording instrumentation; knowledge of computers and radar systems; ability to deal effectively with both on-center and off-center users of the facility; ability and willingness to support NWC/EEO goals and objectives. Incumbent may be required to

serve a one year supervisory probationary period. Must be able to obtain and maintain a Top Secret clearance. Promotion potential to DP-3. Previous applicant need not re-apply.

No. 39-033, Supervisory Electronics Technician, DT-856-3, Code 3913 - This position is Head of the Encounter Simulation Section, Missile Effectiveness Branch, Missile Systems Division, Intercept Weapons Department. The section is responsible for the operation and maintenance of the Encounter Simulation Laboratory (ESL), a detached NWC facility. The ESL function is scheduled for transfer to a new China Lake facility, the Missile Engagement Simulation Arena (MESA), in 1992. The duty station for the position is Norco, California until the transfer to China Lake in 1992. **Job Relevant Criteria:** Knowledge of and experience with control and recording instrumentation; knowledge of computers and radar systems; ability to deal effectively with both on-center and off-center users of the facility; ability and willingness to support NWC/EEO goals and objectives. Incumbent may be required to

Secretarial opportunities

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

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

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

No. 31-067, Secretary (Typing), DG-318-1/2, Code 3146 - This position provides secretarial and administrative support to the A-6/AV-8 Weapons Integration Branch. Ability to develop proficiency in the operation of a desktop personal computer is required. Knowledge of a Xerox 860 word processor is desirable.

No. 31-069, Secretary (Typing), DG-318-2/3, Code 3102 - This position is located in the Aircraft Weapons Integration Department Staff Office. Incumbent provides secretarial and administrative support to the Associate Department Head and Head of Staff. Incumbent also coordinates personnel actions and awards for the department and acts as alternate CCP. Knowledge and working skills on the Macintosh computer is required. Promotion potential to DG-3, but not

guaranteed.

No. 31-070, Secretary (Typing), DG-318-2/3, Code 315 - Incumbent will provide secretarial support to the Targeting Division of the Aircraft Weapons Integration Department. Experience with the Macintosh II and shorthand desirable. Promotion potential DG-3.

No. 62-039, Secretary (Typing), DG-318-2/3, Code 623 - This position is located in the Range Instrumentation Division of code 62. The incumbent provides secretarial and administrative support to division head and staff. The division consists of eighty employees. Other duties include coordinating the workload of the division clerical staff. Ability to work with deadlines in a complex environment is necessary. Experience with the Apple Macintosh is desirable. Promotion potential to DG-3, but not guaranteed.

Reassignment opportunities

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

No. 20-012, Interdisciplinary (General/ Electronics/ Industrial Engineer/ Physicist/ Computer Scientist), DP-801/855/896/1310/1550-3, Code 208 - This position is located in the newly formed Equipment Management Office of the Quality Review Group (Code 20) which is responsible for the centerwide management of equipment. The position is that of Assets Capitalization Program (ACP) Manager reporting to the Head, Equipment Management Office. The incumbent is responsible for managing the Center ACP budget, requiring coordination with technical, management, administrative, and financial personnel. The incumbent will work with departments to insure that an effective process of ACP procurement, accounting, depreciating, and excessing is in place. The incumbent, utilizing current knowledge of and experience with ACP, will be responsible for planning, leading, and coordinating small internal or interdepartmental teams investigating specific equipment focus areas and recommend solutions. Results will be reported to Center management with follow-up as necessary to implement process improvements. Good oral and written communications skills are required. Knowledge of the Center overhead structure, familiarity with desktop computers, and manipulation of large data bases desirable. To apply, send current SF-171 to Robert McCarten, Code 208, NWC ext. 3701.

35-028, Mathematician, Statistician, DP-1520/1529-3/4, Code 3512 - Multiple vacancies in the Weapons Analysis Branch, Weapon Analysis Division, Attack Weapons Department. The incumbents are responsible for planning, scheduling, implementing, and documenting survivability studies for a variety of attack weapons in complex, many-on-many threat environments. The incumbents must be familiar with threat systems and capabilities, particularly threats to acquire, track, and engage airborne missiles. This includes the terminal effects of fuzing, warhead detonation and subsequent damage assessment. To apply, send a current SF-171 to Barry Show, Code 3512, NWC ext.3066.

No. 61-005, Electronics Engineer, DP-855-2, Code 6133 - This position is located in the Systems Engineering Branch, Engineering Support Division of the Aircraft Department. Incumbent provides matrix support to the QF-4 drone aircraft program, resolves technical issues and provides support as technical monitor for two production contracts. The incumbent should have knowledge of military aircraft standards, avionics design, electronic trouble shooting, and contract management. Must be able to solve operational, production, technical issues and present verbal, written analysis and presentations. Promotion potential to DP-3. Send an updated SF-171 to Max Lawson NWC ext. 5383.

EEO recruits personnel

Collateral duty personnel (all series) for the Hispanic Employment Program Committee are being recruited by the EEO Division. Appointment to the committee will be for a period of one year. Extension for an additional year may be granted. This committee will meet monthly and will be tasked with:

1. Exploration of employment

sources for Hispanic engineers, scientists and administrative professionals.

2. Reporting to the Deputy Equal Employment Opportunity Officer (DEEOO) and EEO Advisory Committee (EEOAC) employment and/or work practices which hinder Hispanic employment.

(Continued on Page 20)

CLASSIFIEDS

441 House for Rent Unfurnished

HOMEY TOUCH - comfortable, clean and quaint, color t.v., refrigerator, maid service, from \$120 weekly. El Rancho Motel, 1445 Inyokem Rd., 446-6209

445 Room for Rent

PROFESSIONAL person to share home in quiet neighborhood, utilities included. 375-6432.

449 Space for Rent

CARPETED OFFICES & TILED SHOP SPACES. Richmond Road Professional Buildings. 1,000 sq. ft. per suite. Easy access to NWC South Gate. \$500 per month. 142 Zoned. Call collect. (602) 855-9670.

461 Mobiles for Rent

ARE YOU TIRED OF renting? Are you looking for a home of your own? Come to Tumbleweed Mobile Home Sales and let us find a home to fit your needs. We are at 107 Inyokem Rd., or call 446-2350.

TWO BEDROOM, 2 bath double wide mobile home, covered patio, shed, completely fenced for \$550/mo. Adjacent 1800 sq. ft. warehouse available. 377-5727.

469 Motorcycles

1988 YAHAMA Jog Scooter, great shape, asking between \$400-\$500, must sell quick. 446-7291.

469 Motorcycles

HONDA 1982 Ascott 500FT, 17,000 miles, \$625. 375-9804.

HONDA motorcycle XL350R, like new, \$1,200. Call Jon at 446-4700 or 371-1628.

469 Motorcycles

MOTORCYCLE Re-upholstered, same day service. Reber Upholstery. 375-6446.

SUZUKI CAVALADE LX 1986, has everything. Excellent condition. \$5000 firm. 446-7196

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10% ft. camper, \$450. Call 371-2364.

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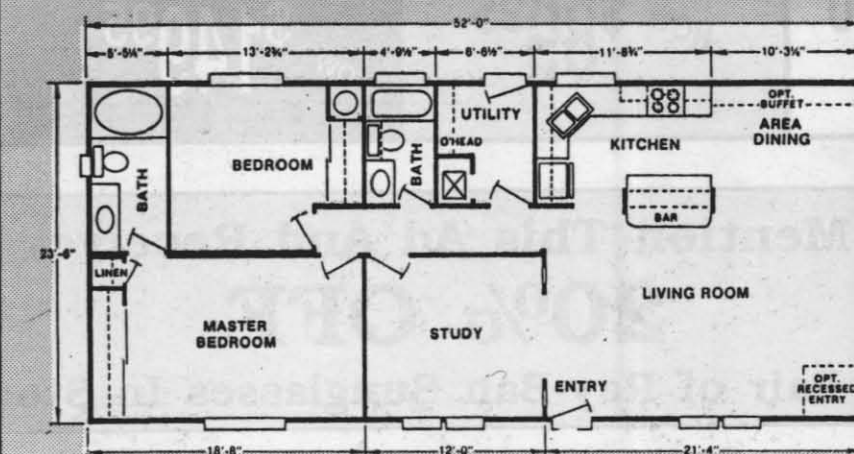
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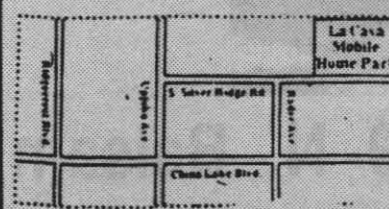
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The news media informs us...the EPA cautions us...and our taste buds confirm it...the tap water we drink is often unsafe and its taste is lacking. More and more people are seeking an alternative to the potential health hazards and bad taste of our available water supply as well as eliminating the health hazards and inconvenience associated with the only option, bottled water...until now!

Reverse Osmosis is the non-electric process of separating pure water molecules from tap water which most often contains dissolved SALTS, CHEMICALS, AND ORGANICS. This separation occurs through a microscopic porous membrane made of cellulose triacetate material. Under normal water pressure, water molecules penetrate the membrane, enter the purified water side of the system and leave impurities to be flushed down the drain. Since being developed, the R/O process has advanced purifying technology many steps ahead of filtration, activated carbon, distillation, and deionization. This process allows SHAYNA a 95% purity level.

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485 Autos For Sale

FOR SALE, 1963 Pontiac Tempest. Complete with rebuilt engine. (805)871-7470.

MAZDA B2200 PICK-UP, 1988, A/C, 5 speed, 3000 miles. \$6800. Steve, 375-5905

NICE WORK vehicles, \$500 to \$1,000, open 7 days a week. Valley Auto Sales, 446-7971.

NISSAN 1984 Stanza, great shape, a/c, am/fm cassette, power windows & door locks, tilt, low book, \$3,825, Must Sell! Want what I owe, \$2,900. Call 375-3185, leave message.

485 Autos For Sale

TOYOTA pickup/shell, 1975, \$1,700 or best offer. 375-7845 or 375-4744.

CORVETTE, 1985, 4 speed, Z-51 Delco Bose stereo, low mileage, many extras, \$20,000 or best offer. 446-3414.

MAZDA RX7 SE, 1988 extras, owe \$15,900, asking \$14,900. MUST SELL! 375-7845 or 375-4744.

CHEVY 1979 Silverado 4x4, short bed, new tires, a/c, power steering and brakes, am/fm with cass., shell, roll bar, \$5,500. Call 446-2439 eves. & weekends.

485 Autos For Sale

PONTIAC 1988 Grand Am, 5 speed, a/c, p/s, tilt, excellent condition, \$10,000. 446-2814.

THE REASONS WHY Smart People purchase from Charlon & Simolon Used Car Corner: 1) Best prices anywhere. 2) Mechanics on duty. 3) Extended service contracts available. 4) Financing available. 5) Trade-ins welcome. 6) Courteous after sales service. Ask for Dave, Dick or Larry

TOYOTA 1979 Land Cruiser, soft top, fairley overdrive, new tires, runs great, 64k miles, Must Sell, \$3,500 or best offer. 375-5312 days, 446-3356 evenings.

TOYOTA 1987 Cressida, sunroof, too much to list. Fully loaded, almost new, \$16,500, excellent condition. 375-3611.

489 Trucks and Vans

DATSUN 1971 truck \$1,000. New tires, 100 watts of stereo, tinted windows, 5 speed, runs great! 446-4700 or 371-1628.

DATSUN 1971 pick-up, 5 spd, tinted windows, new tires. RUNS GREAT! \$500 or make offer. Call 371-2420 or 371-1628, ask for Jon.

TOYOTA 1979 4 x 4, Sport Truck. Short bed, camper shell with carpet kit, P/S, P/B, tilt wheel, custom interior, AM/FM/Radio, CB, set up to tow behind RV 80K miles. \$4,650. Call 446-6358 eves/wknds.

497 Auto Repair

CUSTOM Auto Upholstery, satisfaction guaranteed. Reber Upholstery, 375-6446.

505 Autos, Wanted

PRIVATE Party now buying wrecked or junk vehicles. 375-8394 evenings and weekends.

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It's Chalfant Press, Inc. ROCKETEER ADVERTISING DEPT's. 2ND Annual Christmas KICK-OFF

Each week 'til December 16th, the Rocketeer will give a listing of participating retailers and a Christmas gift they are giving away. Each participant will have a coupon in their ad every week. Just look for the ad, fill out and **turn it in at that store**. Look for the **Christmas Kick-Off** coupon box in each store. All drawings will be held on Dec. 21 by each store. If you are not a winner in the store's drawings, you still have a chance to be a winner — 5 chances. The Chalfant Press, Inc./Rocketeer Advertising Dept. is taking all non-winning coupons to draw for **5 \$100 Gift Certificates**. YOU MUST ENTER TO WIN! Please, one coupon per person, per drawing.

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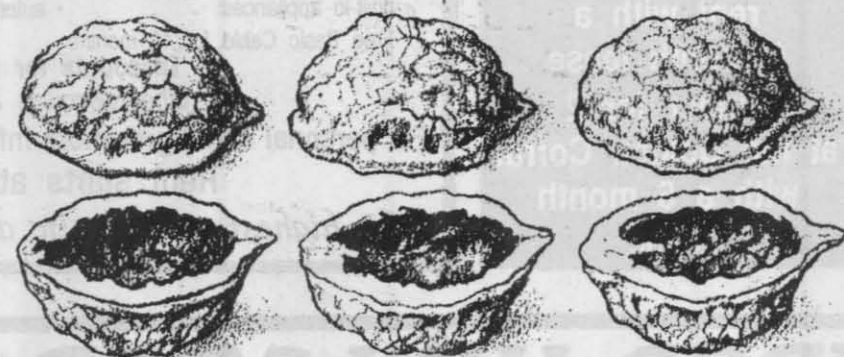
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NSTEP, NSAP jobs available

In 1989, the Center will participate in the following off-Center assignments. The starting dates for these assignments will vary from July to September 1989. The assignments are being advertised now so that selections can be made during 1988 to allow more time to plan for the employee's absence from the Center for one year.

With the exception of the Naval Science Advisor position, final selection will be made by the Center and the employees will be reassigned to the long-term assignment for one year only.

For NSAP assignments only, White Oak will make the final selections from employees nominated by NWC. The NSAP positions are normally for two years. Any DP-3 selected will be temporarily promoted to a DP-4 for the duration of the assignment.

Only DP-3s and DP-4s, with a minimum of three to five years at the Center, should apply for the positions listed.

NSTEP POSITIONS: Interdisciplinary, Series 801, 830, 855, 861, 1310 or 1520

1. Staff Assistant, OUSD (Tactical Warfare Programs) DP-3 or 4

A rotational assignment in the Office of the Deputy Under Secretary of Defense (Tactical Warfare Programs). Trainee will be assigned a variety of duties as a staff assistant to broaden his or her perspective on the issues involved in research and development of tactical mission areas, related programs, and the planning and management of resources

of DOD. Trainee will be responsible for studies and evaluation related to tactical warfare programs of high national importance and will participate in the management of a portion of the planning, programming and budgeting system. Normal day-to-day work will include planning, evaluation and analysis in one or more of the tactical warfare R&D mission system areas such as close air support, battlefield interdiction, deep strike, naval strike, defense suppression and air superiority. Special responsibilities include preparation and review of defense studies, mission, system area analysis; decision coordinating papers, system acquisition reports, various documents in the DOD, PPBS and statements and testimony of the Congress; maintain liaison with officials in various components of DOD, Federal Contract Research centers and various contractors.

For more information on this assignment, contact Mr. Lewis Ballenger (Code 64) who was a previous incumbent in this position.

2. Staff Assistant, Aviation Plans & Requirements Division (OP-502), DP-3 or 4

Trainee will be provided with on-the-job training in OPNAV functions, roles and procedures in the development and procurement of air-launched weapons. Trainee will be assigned and be responsible for a variety of duties supporting the program coordinators for air-launched weapons programs. ("Air-launched" excludes ASW weapons,

which fall in a different organization.) Trainee will assist the Weapons Requirements Branch head in technical and programmatic assessment of ongoing and proposed projects under OP-502 sponsorship, primarily in the areas of stand-off, air-to-surface, munitions for strike and interdiction missions. Experience in assessment or acquisition of weapons for these missions would be valuable, but not mandatory. Essential for applicant to possess a good working knowledge of air-launched weapons.

For information on this assignment, contact Mr. Tex Hoppus (Code 3523) who was a previous incumbent in this position.

3. R&D Center Representative to SPAWAR-31F

This is a one-year assignment with the Space and Naval Warfare Systems Command (SPAWAR 31F) in the Coordinated Warfare Group. The Coordinated Warfare Group is a small organization combining headquarters and R&D Center personnel which coordinates the technical efforts of R&D centers and laboratories. The trainee will assist SPAWAR in modeling and evaluating the multi-warfare performance of Naval battle forces. Job Relevant Criteria: Knowledge of weapons systems, strike and anti-surface warfare. Ability to understand and analyze force-level issues involving the operations of Navy and Marine Corps battle forces. Ability to work independently across the borders of R&D centers, laboratories and (Continued on Page 21)

Please be generous Leave hours needed!

Employees indicated below have been approved to become leave recipients under the Leave Transfer Program. These employees have exhausted annual and/or sick leave because of personal emergencies and will be in a non-pay status for at least ten days. Employees who wish to help a leave recipient may donate annual leave to the employee.

NAVWPNCEN 12630 provides specific information regarding how to donate annual leave.

Melvin R. Mather, Engineering Technician, Code 3921.
William J. Soulek, Machined

Parts Inspector, Code 3643.
Eleanor L. Semore, Senior Purchasing Agent, Code 25222.

Kathy Culberson, Computer Systems Analyst, Code 3623.
George Stillwell, Physicist, Code 3917.

Stanford S. Foster, Industrial Equipment Mechanic, Code 26.
Glen L. Linden, Facilities Management Specialist, Code 2634.

Trudy A. Martinez, Purchasing Agent, Code 25224.
Thomas A. Boyd, Visual Information Specialist, Code 3414.

Hispanic Committee

(Continued from Page 19)

3. Identification of alternative recruitment methods which yield candidates for co-op and work study programs.

Selection for the committee will be based on the following criteria:

A. Knowledge or ability to learn the Naval Weapons Center's employment policies, organizational structure and employment needs.

B. Ability to deal effectively with persons at all levels of the Naval Weapons Center and ethnic backgrounds.

C. Skill in problem analysis and solution.

D. Knowledge of special problems faced by Hispanics in employment.

E. Ability to communicate clearly both orally and in writing.

Interested applicants should submit an SF-171 to the EEO Division, Code 223. Candidates should also attach a supplemental statement which addresses the selection criteria and outlines any hobbies or community activities which have provided qualifying experience.

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Saturday & Sunday, 5:30 a.m. - 1 p.m.

What Does It Include?

- Eggs - fixed the way you like!
- Bacon
- Sausage
- Ham
- Country Fries
- Biscuits & Gravy
- French Toast

*\$2.50 Children 7 & Under
Come Join Us For Breakfast!

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PRINTER & typewriter ribbons, quick delivery, high quality, Mastercard accepted. B & L Office Products, 318 W. Ridgecrest Blvd. 375-8422.

WALK-UPS CUSTOM UPHOLSTERY. We offer free estimates with samples brought to your home, also free pick-up and delivery. Our workmanship is 100% guaranteed. 8 a.m. - 5 p.m. Monday thru Friday. Evenings and Saturday by appointment 446-3929, 721 Inyokern Rd. Ridgecrest

313 Personals

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185.

AVON - to buy or sell, call Debbie at 375-1138.

COME JOIN US at an AKC Sanctioned Band OB Match. Sponsored by the Coto Dog Fanciers Club of Ridgecrest. November 20, 1988 at the fairgrounds. Match starts 11:30 a.m. \$100 goes to BLM and High in Trail. There will also be a raffle. For more information call Ruth at 375-2777. See you there.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

317 Professional

CUSTOM SEWING and alterations, call for an appointment. 446-5983.

FOR CUSTOM Auto Upholstering and motorcycle re-upholstering come to Reber Upholstering. Serving the Ridgecrest area since 1976. Satisfaction Guaranteed. 375-6446.

LIONS Song offers quality piano tuning at a quality price, only \$35 for a normal tuning. Call today for an appointment. 371-1671.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

REPAIR WASHERS, dryers & major appliances. Guaranteed Service. Call 371-1599.

STAINED GLASS windows. Reasonable prices, financing available. 446-4640/377-5536 Patrick.

325 General Services

AVAILABLE for bookings "Hands Tied", dances, parties, receptions. Call 375-6826 or 377-4185.

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

333 Help Wanted

AVON - to buy or sell, call Debbie at 375-1138.

AVON to buy or sell call Judy at 375-3743.

NEEDED: Busboys, Hostesses & Delivery Persons. Apply in person at 1635 N. China Lake Blvd., China Szechwan.

337 Work Wanted

LOVING Mother offering child care for your toddler, no spanking, lots of TLC, Monday - Friday, full time only, family home care certified. Call 446-2242.

353 Miscellaneous For Sale

AVON - to buy or sell, call Debbie at 375-1138. BIRDS, BIRDS, and more birds! Baby cocktiels and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

BRAND NEW Tyco Cliff hangers race set. \$35. Small stereo, \$25. 446-2814.

COMPUTER, Commodore 64 monitor, printer, drive, documentation, Mirage (software-data base, word process & adv. reports), used very little, \$475. 446-2205.

COUCH WITH SLEEPER for sale. Excellent condition. \$200. 446-3368.

DINETTE SET, glass top & four wood chairs. Good condition, \$100. Sofa, beige/brown plaid, good condition, \$75. Call 446-7044 after 5 p.m.

NEED TRI CHEM? Call Shirley at 372-5252.

NEW PORCELAIN for sale, 19" color TV w/remote control, \$300. 446-2639.

353 Miscellaneous For Sale

NEW WALK BEHIND trencher available for rent. Call Ridgecrest Rent-All 446-7628.

WOOD & CABLE spools. 2 ft. are \$10, 4 ft. are \$20 & 6 ft. are \$30. Ridgecrest Rent-All 446-7628.

PEE HERMAN doll, cost \$35, selling for \$30, never used! Baseball cards. 446-2639.

SEWING MACHINES and vacuums expertly repaired. Singer & Kirby our specialty, 20 yrs. in Ridgecrest. Call Butler 375-6075. Free estimates, pick-up & delivery.

SKATEBOARD ramp, 10' x 16' x 36" Sports Oasis demo ramp, used 1 day! Make Offer. 446-4700.

SOFA BED & Love Seat, 2 yrs. old, looks like new, bought new \$995 will sell for \$575 or best offer. Call 375-3185, keep trying.

WILHORN & SON firewood sale. Now have almond, pine & fir. 377-4465.

WOMEN'S DENIM jeans, size 40-42; shirts, small (bedroom size) green velour stuffed chair, new polyester yardage (various prints), small Coleman ice chest, drapes, blankets, telephone, boots (rubber w/leather uppers, size 8). 375-9528.

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357 Pets

6 MONTH OLD and 1 month old cocktiels, also love birds and diamond doves. Call 375-7475 after 5:30 p.m. or leave message any time.

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TWO FREE Loving & Adorable Kittens with some equipment. 446-2274 after 5 p.m.

361 Wanted to Buy

NEED A 3 Bedroom home in Ridgecrest. Some fixing okay. Up to \$60,000. Harwell 446-6209.

373 Lots and Acreage

2 1/2 ACRES. NW corner - Owens Peak and Casper. North of Inyokern. \$12,500. No down. 375-9116.

377 Homes for Sale

FREE... Weekly list of properties for sale by owner with addresses, prices, owner's phone #. Call 371-1005, HELP-U-SELL REAL ESTATE.

MODEST 3 bedroom home on prime corner lot. City imp., all in mobile zone, but comm'l potential. Excellent investment, corner of Moyer at Sierra View. Only \$39,500. 375-9300.

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SAVE THOUSANDS! Helping Sellers sell By Owner for only \$2,450. Call 371-1005, HELP U SELL Real Estate.

381 Condos for Sale

"A CHARMER" Deeter condo, one story, 2 bedroom, 1 1/2 bath, fireplace, patio, garage & pool, \$66,500. 446-6228.

385 Mobile Homes For Sale

1973 GRANDVILLE mobile home. Nice two bedroom, 1 bath, \$9,000 or best offer. See at China Lake Trailer Park F-20. Call Jerry/Teri 446-6036.

1988 FLEETWOOD mobile home, fully upgraded, 3 bedrooms, 2 bath, large living room and kitchen. Full length awnings and large deck, many extras, see to appreciate, \$41,000. 446-5292.

HELPI! I have a 1980 12x56' Skyline "Buddy" mobile home and I need to sell it now! Make me an offer! Call 375-7526 or 375-5480.

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Dinner for 2 at the Golden Corral with a 6 month lease

385 Mobile Homes For Sale

32 1/2 FOOT FIREBALL Deluxe Travel Trailer (1984), set up in park (\$85 a month + electricity). Large shed with washer/dryer hook-up. Blue book \$14,500 asking \$9,000. Available January 1. 375-8273 M-W-F evenings.

60's VINTAGE MOBILE HOME 10 x 57, 2 bedroom, 1 bath, pop-out living room "AS IS" asking \$3,000 make offer. Call 377-3132 for appointment, be prepared to leave message on answering machine. Purchaser responsible to move mobile 2 weeks after purchase.

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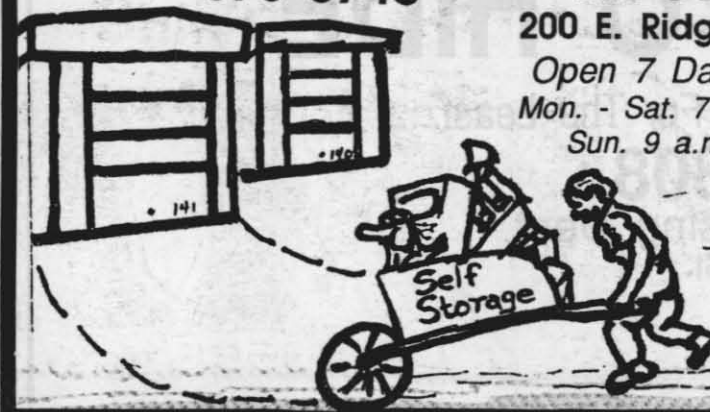
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NSTEP, NSAP...

(Continued from Page 20)

other commands in coordinating planning, war gaming and analysis. Since this is a training assignment involving pioneer work, the qualifications of applicants will be judged through their resume and an interview on breadth of background and potential to deal with new and unique situations.

For information on this assignment, contact Mr. Larry Lincicum (Code 30).

4. Technology Analyst in the Technology Assessment Division (OP-987)

Performs the role of the Navy Balanced Technology Initiative Program director who is responsible for managing the execution of 10 new start high payoff/risk R&D projects that will continue through 1991. Projects support air, surface and subsurface platforms in priority warfare areas. FY 88 planned funding is 80.3M. Includes responsibility for selection process for new FY starts and supports of Navy proposals in multi-agency competition. Interfaces with senior personnel in OSD, other DOD agencies, OPNAV, SYSCOMS and industry. Primary duties include: a.) The ability to rapidly assess the net military worth (technical and programmatic) of large R&D projects in a variety of technical disciplines is required. b.) C' Tech Base Development Coordinator. Assesses tech base requirements and direction/effectiveness of on-going research to meet these requirements. Also assesses the impact of budget changes for input to Congressional inquiries. c.) NSAP (Navy Science Assistance Program) Development Coordinator. Assesses the effectiveness of the program to support emergent fleet requirements. Assist the program director transition technology into the formal acquisition system. Also assesses the impact of budget changes for input to Congressional inquiries.

For questions about this position, please contact Mr. Frank Markarian at AUTOVON 227-0062.

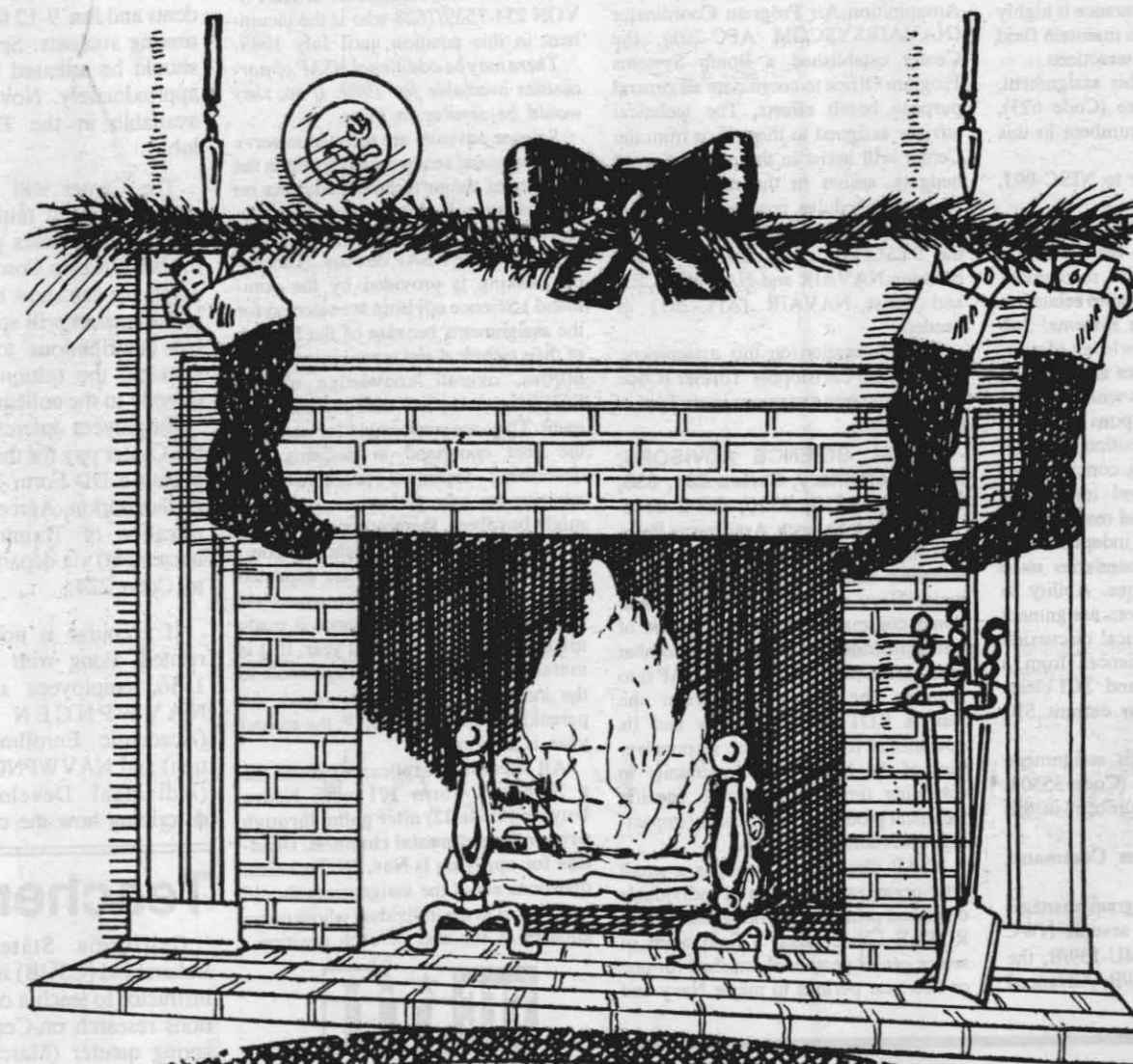
5. Financial Management Training Position (SPAWAR 11-6)

The incumbent serves as the focal point for the financial management and operations of the laboratories. The responsibilities include budget preparation, allocation, execution, reporting and oversight of R&D center financial, civilian manpower and equipment resources, interfacing with Congress and providing related management analysis services. The incumbent will receive training designed to give him/her a working knowledge of NIF Financial Management Division policies and procedures. Specific assignments may address special programs, including Managing to Payroll, Unbilled Balance, Continuation of NIF and STAFs, as well as participation in the day-to-day problem solving activities of the division.

For further information about this position, please contact Ms. Linda Long (Code 22).

TECHNICAL ADVISOR POSITIONS, Interdisciplinary, Series 801, 830, 855, 861, 1310 or 1520

1. Naval Strike Warfare Center, Fallon, Nevada, DP-4 or a senior DP-3
Tactics development and analysis. TACTS data analysis. Planning and analysis for CNO-080 (major defense suppression exercise). Electronic warfare integration, hardware design and development and range installation. POM evaluation. Broad based weapon experience, knowledge of programmatic issues and ability to define specific technical capability required. NSWC would provide technical alternatives and develop quantitative technical data to substantiate an operational need (must not be a
(Continued on Page 22)

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762-5650

Ridgecrest
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446-6521

China Lake
1115 King Avenue
446-6521

NSTEP and NSAP positions available. . .

(Continued from Page 21)

salesman for specific concepts). **Qualifications:** In order to function effectively with the spectrum of officers and civilians, applicants should be DP-4 (GS-14/15). Experience commensurate with the DP-4 grade is appropriate. Line managerial expertise is not necessarily required. The individual must be a self-starter (he/she will not be given specific assignments), be able to recognize when, where and to what extent his/her participation can contribute and be time and idea flexible. A TOP SECRET clearance is mandatory and SCI clearance is highly recommended in order to maintain fluid communications and interactions.

For information on this assignment, contact Mr. Larry Prince (Code 623), who was a previous incumbent in this position.

2. Technical Advisor to NISC-00J, DP-3 or 4

This is a one-year assignment with OPNAV-095 to provide technical support (analysis, coordination, recommendations) on a variety of issues related to U.S. and threat weapon systems. **Job Relevant Criteria:** Knowledge of weapon systems, technologies and applications. Overall familiarity with technical issues involved in weapons research, development and acquisition process. Ability to respond clearly, concisely and promptly to system level impacts of technical, intelligence and management issues. Ability to work independently, across organizational boundaries on a variety of technical issues. Ability to function as a coordinator; assignment requires numerous technical discussion and briefings with audiences from a wide variety of background. SCI clearances required based on current SBI investigation.

For information on this assignment, contact Dr. Dave Seibel (Code 35303) who was a previous incumbent in this position.

3. Naval Air Systems Command, PMA-201, DP-3 or 4

APC-201 has the program management responsibility for several NWC efforts, including the FMU-139/B, the FMU-140/B, the DSU-30/B, Advanced

Interdiction Weapons System (AIWS), Advanced Bomb Family, MK-80 Series PBXN-109 IHE, BSU 85/B, Inertially Aided Munition (IAM), Laser Guided Training Round (LGTR), CBU-88/B Smokeye and AGM-123/B Skipper.

The Center has project management responsibilities for the development, production engineering support and product improvement responsibilities for the general purpose bomb efforts assigned to the Center. In establishing formal program support to the Conventional Air Launched Ordnance and Ammunition Air Program Coordinator (NAVAIRSYSCOM APC-201), the Center established a Bomb Systems Program Office to coordinate all general purpose bomb efforts. The technical advisor assigned to this office from the Center will assist in the preparation of budgets, assists in the monitoring of program schedules, progress and expenditures, assist NAVAIR (APC-201) at the SYSCOM level, serve as liaison between NAVAIR and NAVWPNCEN and assist NAVAIR (APC-201) as needed.

For information on this assignment, contact Mr. Christopher Toftner (Code 32731) who was a previous incumbent in this position.

NAVAL SCIENCE ADVISORS, Interdisciplinary, Series 801, 830, 855, 861, 1310, 1520, DP-3 or 4

The Naval Science Assistance Program (NSAP) provides quick-reaction scientific and technical services to the major Navy and Marine Corps operational commands in direct support of efforts intended to improve fleet combat readiness. One of the goals of NSAP is to improve the dialogue between the Navy's RDT&E Lab/Centers and its operational forces, and the responsiveness of the Lab/Center community in achieving timely solutions to specific technical problems significantly impacting operational readiness.

NSAP directs and manages a small inter-organizational team of individuals dispersed principally among the Navy's RDT&E Lab/Centers, a field team of senior center personnel attached for one or two year periods to major Navy and

Marine Corps operational commands. Of the commands that are eligible for NSAP assistance, there are two 1989 openings that are of interest to NWC.

1. Advisor to Commander, Sixth Fleet: Duty Station: Naples, Italy

For information on this assignment, contact Mr. John Webb (Code 303) who was a previous incumbent in this position.

2. Advisor to Commander, Seventh Fleet: Duty Station: Yokosuka, Japan

For information on this assignment, contact Mr. Mel Foremaster at AUTOVON 234-7539/7628 who is the incumbent in this position until July 1989.

There may be additional NSAP opportunities available for 1989. If so, they would be similar to these.

Science advisors are selected to serve host command senior management in the capacity of senior technical advisors on R&D matters. In this position, they represent all Navy Lab/Centers and report to DNL via the NSAP director. (Day-to-day tasking is provided by the command.) Science advisors are selected for the assignments because of the breadth of their technical and management capabilities, overall knowledge of the RDT&E process and their mature judgment. They are responsible for assisting the host command in defining and describing technical problems and advising on who and where problems might be solved, thereby coupling needs of the command to the technical community. Science Advisors are expected to serve two years; however, an assessment for need and continuance is made towards the end of the first year. If it is mutually advantageous and agreeable to the individual, the host command, the parent laboratory and NSAP, the second year is confirmed.

All interested applicants should file a Standard Form 171 with Nedra Duyen (Code 22) after going through proper departmental channels. Deadline for applying is Nov. 28. Technical questions about the assignments should be directed to the individual whose name appears at the end of each position.

NAVAL SCIENCE ADVISORS, Interdisciplinary, Series 801, 830, 855, 861, 1310, 1520, DP-3 or 4

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Deadline approaching for tuition requests at CCCC

Early registration for continuing students at Cerro Coso Community College begins Nov. 30 for spring courses. Early registration will be Nov. 30 through Dec. 8 for continuing students and Dec. 6 and 7 for new students. Regular registration will be Jan. 3-6 for continuing students and Jan. 9-12 for new and continuing students. Schedules, which should be released by Cerro Coso approximately Nov. 10, will be available in the Training Center lobby.

The Center will pay for NWC employees' full tuition if they are enrolled in courses provided under the NWC/Cerro Coso contract. If an employee can show that courses are job-related or will strengthen his or her contributions to the Center's mission, the tuition will be paid directly to the college by Code 224.

Employees interested in having the Center pay for their tuition must submit a DD Form 1556 (Request, Authorization, Agreement and Certification of Training and Reimbursement) via department channels to Code 224.

If a course is not directly job-related, along with the DD Form 1556, employees should submit NAVWPNCEN 12420/66 (Academic Enrollment Justification) and NAVWPNCEN 12410/68 (Individual Development Plan) describing how the course fits into

their overall career plans and how attendance at the course will strengthen their contribution to the Center's mission.

If an employee is not yet a California resident, a statement from his or her supervisor, indicating the negative impact to NWC of postponing the training until residency is established, must be included.

Code 224 will return the approved DD Forms 1556 to the employees. They must be taken to Cerro Coso upon registration in order for NWC to pay the tuition. If an employee is a co-op student, a DD Form 1556 is not required. Co-op students should simply tell the registrar that they are NWC co-op students when they register.

Requests for tuition support (DD Form 1556) must be received by the close of business Nov. 22 for the early registration commencing Nov. 30 and Dec. 21 for the regular registration. This will allow the request to be processed and returned to the employee in time for registration. *Those received after that date will be returned and the employee will either have to pay the tuition him or herself or wait until another semester to register and resubmit the request for tuition support.*

Employees who pay tuition will not be reimbursed.

Anyone having any questions regarding this matter should call Cecil Webb, NWC ext. 2648.

Teacher needed for CSUB

California State University, Bakersfield (CSUB) is looking for an instructor to teach a course in operations research on-Center during the spring quarter (March 28-June 6). Individuals interested in teaching

the course who have at least a master's degree are asked to forward their resumes to Cecil Webb, Code 224, by Nov. 15.

For more information, contact Webb at NWC ext. 2648.

CSUC plans Computer Science Program classes

Following are classes being offered this Spring for the Cal-State Chico Computer Science Program (bachelor's and master's degrees). To enroll in these classes, submit a Training Request and Authorization Form (NAVWPNCEN 12410/73) via department channels to Code 224. Registration will be held in class at the first class meeting. Deadline for enrolling is 10 calendar days before the starting date of the class.

CSCI 222: Expert Systems (3 units)

Dec. 10-11, Jan. 7-8, Jan. 28-29, Saturdays and Sundays; 0800-1600; Training Center. By Professor Hunsinger, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: This course covers the basic concepts and techniques of current expert systems technology. The course emphasis is on expert systems shells and their use for specific applications. The use of the language Prolog (Programming and Logic) for expert systems applications will be included.

CSCI 250: Compiler Theory (3 units)

Jan. 21-22, Mar. 4-5, Apr. 1-2,

Saturdays and Sundays; 0800-1600; Training Center. By Professor Madrigal.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: Language definition and descriptors, syntax structures, parsing, extraction of elements, symbol table construction, memory allocation, control statements, I/O lists, code generation, error detection, diagnostic generation.

CSCI 251: Advanced Software Practices (3 units)

Apr. 15-16, May 13-14, June 17-18, Saturdays and Sundays; 0800-1600; Training Center. By Professor Luker, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: A study of how an advanced programming language and software environment (Ada) should be used, from the viewpoints of portability, style and software engineering practice.

CSCI 152: Operating Systems Programming (3 units)

Feb. 3-4, Feb. 24-25, Mar. 31-Apr. 1, May 5-6, Fridays, 1400-1800; and Saturdays, 0800-1600; Training Center. By Professor Luk, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: Operating system concepts and techniques. Course includes study of linkage-editors, loaders, channel operations and interrupt handlers.

Note: There will be a two-hour laboratory each week. The time and day of the week the laboratory will be held will be arranged between the class and the teaching assistant for the course. This is a core course for the BSCS degree program and a foundation course for the MSCS degree program through CSUC.

CSCI 356: Design and Analysis of Algorithms (3 units)

Jan. 24-May 18, Tuesdays and Thursdays; 1230-1345; Training Center. By Professor Wooldridge, CSUC, via satellite.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, and Discrete Mathematical Structures or equivalent, or consent of instructor.

Scope: In-depth study of the design of efficient algorithms and associated data structures. Focuses on space/time performance analysis of algorithms. Topics include algorithm analysis techniques, searching and sorting, graph algorithms, numerical algorithms, combinatorial algorithms, NP completeness.

CSCI 397C-2: Computer Performance Analysis (3 units)

Jan. 24-May 18, Tuesdays and Thursdays; 1100-1215; Training Center. By Professor Vayda, CSUC, via satellite.

Prerequisite: CSCI 152: Operating Systems Programming, CSCI 172: Systems Architecture, and Statistics and Analytic Geometry and Calculus I, or equivalents, or consent of instructor.

Scope: A study of the methods for the measurement and modeling of computer systems, with the goal of identifying the parameters that determine system performance. Systems considered will range from simple uniprocessor batch systems to multiprogrammed multiprocessor distributed systems. The approach is pragmatic and is targeted at the practitioner. Case studies drawn

from real situations will be used to illustrate methodologies for improved program/system performance. The knowledge acquired can be applied to system procurement, design, modification and tuning.

Math 477: Differential Equations (5 quarter units)

Jan. 5-Mar. 9, Thursdays; 1610-2110; Training Center. By Professor El-Ansary, CSB, (805) 664-2130.

Prerequisite: Calculus III or consent of the instructor.

Scope: First-order differential equations; linear differential equations; linear systems; Laplace transform and its application to solutions of linear differential equations and systems; series solutions of second-order linear equations and/or numerical solutions of differential equations; topics in nonlinear differential equations and systems; applications.

Note: This is a required course for the math/science option of the BSCS degree program through CSUC.

For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

CSUC 151: Algorithms and Data Structures or equivalent, or consent of instructor.

CSUC 152: Operating Systems Programming (3 units)

Feb. 3-4, Feb. 24-25, Mar. 31-Apr. 1, May 5-6, Fridays, 1400-1800; and Saturdays, 0800-1600; Training Center. By Professor Luk, CSUC.

Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, or consent of instructor.

Scope: A study of how an advanced programming language and software environment (Ada) should be used, from the viewpoints of portability, style and software engineering practice.

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Prerequisite: CSCI 151: Algorithms and Data Structures or equivalent, and Discrete Mathematical Structures or equivalent, or consent of instructor.

Scope: In-depth study of the design of efficient algorithms and associated data structures. Focuses on space/time performance analysis of algorithms. Topics include algorithm analysis techniques, searching and sorting, graph algorithms, numerical algorithms, combinatorial algorithms, NP completeness.

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Prerequisite: CSCI 152: Operating Systems Programming, CSCI 172: Systems Architecture, and Statistics and Analytic Geometry and Calculus I, or equivalents, or consent of instructor.

Scope: A study of the methods for the measurement and modeling of computer systems, with the goal of identifying the parameters that determine system performance. Systems considered will range from simple uniprocessor batch systems to multiprogrammed multiprocessor distributed systems. The approach is pragmatic and is targeted at the practitioner. Case studies drawn

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Prerequisite: Calculus III or consent of the instructor.

Scope: First-order differential equations; linear differential equations; linear systems; Laplace transform and its application to solutions of linear differential equations and systems; series solutions of second-order linear equations and/or numerical solutions of differential equations; topics in nonlinear differential equations and systems; applications.

Note: This is a required course for the math/science option of the BSCS degree program through CSUC.

For more information about any of these programs or classes, contact Cecil Webb at NWC ext. 2648.

Information session set for people interested in CSUN

An information session will be held on Dec. 13 at the Training Center for those individuals interested in the on-Center master's degree program in systems engineering offered through California State University, Northridge (CSUN).

Professor Mel Lifson will provide information and answer questions on

the master's degree program in systems engineering. Individual counseling by a CSUN adviser will be available at a later date.

Those interested in attending the information session are asked to call Helen Benes, NWC ext. 2648, to schedule their attendance.

CSUB advisors schedule visit

Academic counselors of Cal-State Bakersfield will be on-Center Nov. 28 to advise current and prospective students in the external degree programs offered by that school.

External degree programs offered at NWC by Cal-State Bakersfield include a bachelor's degree in business administration and a master's degree in administration. Bakersfield also provides math courses in other external degree programs at NWC.

Those who wish to see one of the academic counselors are asked to make an appointment by telephoning Helen Benes at NWC ext. 2648.

Training for soldering set

Two 40-hour high-reliability soldering courses will be held from Nov. 14 through 18 and another two will be held from Nov. 28 through Dec. 2 at 543 Graaf Street. Times for the classes will be from 7:30 a.m. to 4:30 p.m.

These courses are for government personnel needing certification to DOD-2000 as inspectors or operators. The requirements for the courses are (1) previous soldering experience and (2) a current eye examination.

To be scheduled into a class, contact the Soldering Technology Training, Code 36812, at 446-5571.

Hriber advises CSUN students

Professor Hriber of Cal State University Northridge (CSUN) will be on-Center Nov. 14 to advise current and prospective students in the master's and bachelor's degree programs in electrical engineering offered by the school.

Those wanting an appointment to see Professor Hriber should call Helen at NWC ext. 2648.

Madrigal visits NWC

Dr. Orlando Madrigal of Cal-State University Chico will be on-Center Dec. 2 to advise current and prospective students in the external degree programs offered by the school.

Cal-State University Chico has external degree programs in compu-

ter science which lead to bachelor's and master's degrees.

Those who wish to see Dr. Madrigal are asked to make an appointment by telephoning Helen at NWC ext. 2648.

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