

China Lake Police maintain regular radar concentration efforts

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. Swigum, traffic manager, CLPD

Operations Branch, areas of concentration for radar traffic enforcement for next week are listed below.

•Monday -- Sandquist Road.
•Tuesday -- CLPL Road.
•Wednesday -- Randsburg Wash Road.

•Thursday -- Inyokern Road.
•Friday -- Knox Road.
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NWC Rocketeer

Naval Weapons Center, China Lake, California 93555-6001

Vol. XLV, No. 3 January 19, 1990

Volunteer fix-up, clean-up day at NWC

Spring Cleaning at 'The Lake', a self-help project supported by top Naval Weapons Center management, is set for Saturday, March 31. China Lake workers can help improve the work environment by contributing time and labor while using Navy furnished materials.

At a kick-off meeting this week, coordination team leader Lt. Dave Harman explained the details to representatives from NWC codes and attached activities.

The idea got its start when, according to Capt. Paul Valovich, NWC vice commander, "A group got together and looked at what other bases are doing to improve the

quality of their work environment. Self help is one way to accomplish what the Public Works Department is unable to provide due to constraints in time, money and workforce." He added, "We wanted to throw this idea out to see if we get an enthusiastic reaction." He stressed that the project is on a strictly volunteer basis.

Although no special clearances will be issued for the project, families and friends are welcome to help in non-secure areas.

From 8 a.m. to 12 noon on spring cleaning day, work teams can paint-up, clean-up and fix-up anything that does not require skilled labor (e.g. plumbing or electrical

work). Repair and renovation, rather than new construction, is the order of the day.

Employees are encouraged to look around their workspaces in general and the base at large with a creative eye. "What can we do that will make the most impact from four hours of effort?" is a good way to approach the day's activities. Ideas should be submitted to an organizational representative who will help draft a special 'blue' work request to be submitted to Lt. Harman. Requests will be screened by Public Works which will order supplies for approved projects. To allow enough lead time to obtain supplies, the special work

requests must be submitted by Feb 1.

On Jan. 25, organizational representatives will meet with the coordinating committee for a project update. Any questions about spring cleaning day should be addressed to your representative prior to the meeting. To find out who is representing your organization, refer to your department office.

"If 1000 people participate, we'll reach our goal of 4000 hours of self help and make a real improvement in the quality of life at 'The Lake,'" noted Harman. "After the work is done we're throwing a big party for the participants."



FAREWELL--ENCS Bernard G. Savko bids farewell to the Navy after a 30-year career, including the last seven at the Naval Weapons Center. Senior Chief Savko, an explosive ordnance disposal technician with EOD Mobil 3, Detachment China Lake, retired from active duty in ceremonies held in front of the NWC Headquarters Building last Friday. His wife, Patricia, and friends and shipmates were on hand to watch as the veteran senior chief wrapped up his lengthy career in the U.S. Navy. Photo by PHAN Gary Brady

Progress in new field wins award

Their outstanding work in the new field of diamond deposition for optical applications brought the Naval Weapons Center's Technical Director's Award to Dr. Wayne Weimer and Dr. Curtis Johnson recently.

Ron Derr, head of the Research Department, nominated the two scientists saying, "Their work in this new area keeps NWC at the forefront of infrared missile dome technology and opens the way to exciting new capabilities for infrared seekers." He added the two researchers, in the interval of half a year, not only mastered the technique of growing diamond films, but proceeded to measure the optical and thermal properties needed to assess the utility of diamond for missile dome applications.

Bill Porter, NWC's Technical Director, said in the citation to accompany the awards. "Your work is essential to the ability of

the Naval Weapons Center to bring new developments from basic research to the stage where they can be incorporated into naval systems. There is no doubt that the capabilities of future missiles will be increased by your efforts."

In his nomination letter, Derr notes work began at NWC in the summer of 1988. By October of 1988, Weimer and Johnson had grown their first microscopic crystals of diamond. "In remarkably short order, they learned how to grow continuous films and set up the analytical instrumentation to assess the quality of their diamond. The unequivocal identification of diamond by Raman spectroscopy required understanding the technique, assembling the components and refining the instrumental system so reliable measurements could be made. This facility is now (Continued on Page 6)

Last year was warmer and drier than usual

Weather last year was a little warmer and much drier than normal for China Lake according to the Range Meteorology Office of the Range Support Branch. The mean temperature was one (1.0) degree warmer than normal and precipitation was at least four inches below normal. During all of 1989, only .82 inches of rain was recorded. Rain fell on just nine days last year. There was six inches of snow, with snow falling on three different days.

During the year the hottest temperature, 115 degrees, was registered in July; while the coldest, just nine degrees above zero, was recorded in February. There were 79 days of 100 degrees or better during 1989. The temperature first hit 100 degrees on April 7 and the last day it got that hot last year was September 24.

During the last month of 1989 weather was influenced by a strong ridge of high pressure along the western U.S. which

continued to block weather systems from entering the local area. Dominate weather for the month was variable high clouds, light surface winds, cold morning and warm afternoon temperatures.

Afternoon temperature readings averaged 6.6 degrees above normal while morning readings ran 6.1 degrees below normal. The average daily temperature range of 43 degrees was 11 degrees above normal.

An upper level low pressure system developed off the north California coast during the week after Christmas.

Owens Lake dust was brought into the valley on Dec. 28 and 29 due to a low pressure system which developed over Arizona, bringing in local surface winds from the north.

The first half of the rainfall season ended with only 0.02 of an inch, which is 1.98 inches below normal.

China Lake Calendar

Fri., Jan. 19
...Western Night at the Officers' Club - dinner and dancing from 6-11:30 p.m. for members and guests.

Sat., Jan. 20
...Matinee -The Chipmunk Adventure, NWC Theatre, 2 p.m.
...Sweet Adelines present *Harmony Deja Vu* at the NWC Theatre, 7:59 p.m.

Tues., Jan. 23
...National Contract Management Association workshop and dinner meeting, Farris' at the Heritage, 5 p.m.

Sat., Jan. 27
...Matinee -Pinnocchio and the Emperor of the Night (G), NWC Theatre, 2 p.m.

Tues., Jan. 30
...Government surplus property auction at the Officers' Club, 9:30 a.m.

Coming Events...
...Wellness program's Spring Blood Draw & Fitness Assessments start in late February
...Spring Cleaning at 'The Lake' -March 31

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



TWO CIVILIANS REWARDED-Above: On completion of recertification as a Navy Drug and Alcohol Counselor, Esther O'Neill-Harden, Code 2112, accepted congratulations from Capt. Robert Dropp. Below: Gloria Morrow is named Civilian of the Quarter at the NWC Branch Medical Clinic. LCdr. Richard Titi made the presentation. See clinic award story on page 3. Photos by PHAN Cary Brady



Wellness Corner

Reasons and goals for fitness vary

Most of us exercise because we know physical activity does wonderful things for body and mind. In physical education class, we were told it helps us become physically fit. Physical fitness means different things to different people. And your fitness goals should determine what kind of exercise program you follow. After all, it's important to know where you want to go in order to figure out the best way to get there.

What is fitness, and how do we know if we have it?

Fitness might be defined as a state of optimal physical and mental well-being. Fitness means having the energy and physical capability to do the things you need and want to do. Most people would agree that fitness also means looking and feeling your best.

Fitness professionals often talk about fitness in terms of fitness components, such as aerobic endurance, muscular strength and endurance, flexibility, body composition, power, coordination and balance. These qualities can be measured, and there are specific training methods that can improve each of them.

Many fitness tests have been devised to measure each of these fitness components. Aerobic endurance may be estimated from something as simple as walking a mile. Or, you may have it tested in a human performance laboratory that actually measures how much energy you can expend during vigorous workloads. Some cycling and step tests predict maximal working capacity from your heart rate during submaximal exercise.

It's important to realize that health and fitness are not always synonymous. A high score on an aerobic-fitness or cardiorespiratory endurance test does not necessarily mean that you have no heart disease. It is possible to have good aerobic endurance and still have heart disease. The only exercise test which can give you information about your heart health is a graded-exercise stress test, which is administered under the supervision of a cardiologist.

Muscular strength is measured by the amount of weight you can lift. Muscular endurance is measured by how many repetitions

you can do of a given movement. The number of situps you can do in a minute is a measure of abdominal and hip flexor muscle endurance.

Flexibility is often tested by seeing how far you can reach toward or past your toes, with straight knees. There are many ways to estimate body composition, to predict how much of your body is fat.

Scores on a fitness test are usually rated according to how you did compared to other men or women of your age. If you score in the "good" or "excellent" categories on most fitness tests, you are generally considered physically fit.

Don't fitness needs vary from person to person?

Certainly. A firefighter has a physically demanding occupation that requires a great deal of strength and endurance. An athlete needs to be in top shape for his or her sport, and physical requirements vary from sport to sport.

Recreational athletes are usually concerned with a fitness level indicative of good health. They want enough muscle strength, endurance and flexibility to prevent back problems and carry their groceries, but may not care whether they can bench press 200 pounds.

Isn't aerobic endurance the

most important fitness component?

Aerobic endurance gives us the stamina to participate in enjoyable activities, such as walking, bicycling and playing sports. But it's especially important if it indicates we are exercising regularly. Regular aerobic exercise helps prevent artery disease, high blood pressure, diabetes and helps control weight.

It's hard to say which component is "most important" because you need a certain level of all of them for good health. If you injure your back due to weak muscles, then regaining muscle strength becomes the most important.

Why measure fitness?

Fitness appraisals can help you define your strengths and weaknesses, set realistic goals and refine your exercise program design accordingly. They can measure your improvement and provide incentive to keep exercising.

It's important to remember, though, that lifestyle is what counts. Lifelong exercise is important for good health, as are eating right, managing stress and not smoking. Physical fitness is an indication that you are living well. Fitness is not a state of being, but a way of life.

Submitted by Betty Miller
Wellness Coordinator



NWC Rocketeer

Published by High Desert Newspapers, Inc.
739 N. China Lake Blvd.
Ridgecrest, CA 93555 (619) 375-4481

This commercial enterprise (CE) newspaper is an authorized publication. Contents of NWC ROCKETEER are not necessarily the official view of, or endorsed by, the U.S. Government, the Department of Defense or High Desert Newspapers, Inc. The editorial content is edited, prepared and provided by the Public Affairs Office of the Naval Weapons Center, China Lake. Correspondence and material for publication should be addressed to: Editor, NWC ROCKETEER, Code 0033, Naval Weapons Center, China Lake, CA 93555-6001; telephone (619) 939-3354; E-Mail SCF::Rocketeer. Deadline for receiving stories and photos is 4 p.m. Tuesday for publication on Friday of that week.

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ROCKETEER CLASSIFIEDS

<p>1 PERSONALS</p> <p>WANTED: 40 - 50 foot Flaggpole. Call 446-7888.</p> <p>Would like to share driving & riding from Weldon area to NWC, Mon.- Fri. Please call Linda, 619-378-4162</p> <p>15 HELP WANTED</p> <p>WANTED: MOTIVATED PEOPLE WANTING FINANCIAL FREEDOM. CALL 446-7888.</p>	<p>30 SERVICES</p> <p>GRAND OPENING Friday to Friday INTERIORS WEST Draperies, Carpets Vinyl & Wall Paper Bring this ad in & get Berber Carpet for only \$11.99/yd. 721 B. Inyokern Rd. Open Mon-Sat: 9-6; 446-7888.</p> <p>HOUSEKEEPING. Luvinia. 446-4715.</p> <p>20 RENTALS</p> <p>ALLEN'S RANCHITO MOTEL - near base, a refreshingly different place to enjoy furnished unit, w/color TV, refrigerator. (Microwave optional). \$145 -single. Maid service - 446-6209</p> <p>AVAILABLE FEB. 1 - NEAR HERITAGE CENTER: Attractive, spacious 3 Bedroom home, 2 full baths, great family kitchen, covered patio, double garage, fresh paint. \$650. 446-4810</p> <p>AVAILABLE NOW NEAR NEW CIVIC CENTER! Large Living Room & Kitchen. Over 1600' of country living in city - 2BR, 2BA, Fam. Room. \$550/mo. No pets. 446-4810</p>	<p>40 MISC. FOR SALE</p> <p>LUMBER - USED, and pallets. Call recycling center. 939-2522</p> <p>One pair of like-new men or women's downhill SPALDING SKIS, \$135. Matching poles, \$10. One pair of NORDICA ski boots - size 9, \$25 or best offer. 371-1540.</p> <p>TRAVELMATE pop-up. Sleeps 4. Stove, refrigerator, water tank, sink, table. Asking \$350. Big wheel Yamaha 80. 1987 - \$300. 446-4251</p> <p>55 REAL ESTATE</p> <p>NO DOWN! Beautiful 2-story home near back gate. Lots of upgrades & extras. See at 807 California or call 377-5248 for appt. \$89,750.</p>	<p>TO PLACE AN AD CALL 375-4481 OR DROP IT BY <i>The Daily Independent!</i></p> <hr/> <p>FOR SALE BY OWNER</p> <p>Must See to Appreciate. 24x50 mobilehome and large lot. 3 bdrm., 2 bath. Very clean, carpets, drapes, built-in dishwasher, large refrigerator, fireplace, fenced, surveyed, city water, natural gas, landscaped, drip system. \$40,000 only.</p> <p>375-7802</p>
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New rules govern dependent care credit

Here's a tip... a Tax Tip.

Here are some pointers to help get your refund sooner.

- use the peel-off label and pre-addressed return envelope.
- round off dollar amounts.
- use the correct tax table.
- sign and date your return.



Home loans have limits on interest deductions

A home mortgage secured by a taxpayer's main or second home and taken out on or before Oct. 13, 1987, is acquisition debt, and the loan interest is fully deductible. The Internal Revenue Service reminds taxpayers, however, there are limits on interest deductions for mortgages taken out after Oct. 13, 1987.

A mortgage taken out after Oct. 13, 1987, secured by a taxpayer's main or second home and used to buy, build or substantially improve that home is also considered an acquisition debt. Interest is fully deductible on loans of up to \$1 million for couples filing jointly and singles and \$500,000 for married filing separately.

A loan secured by a main or second home is home equity debt if used for purposes other than buying, building or substantially improving that home. Interest is deductible on loans of up to \$100,000 for couples filing jointly and singles or \$50,000 for married filing separately.

The interest is not deductible at all if the loan was used to make investments resulting in tax-free income.

More detailed information is available in IRS Publication 545, *Interest Expense*. Call toll-free (800) 424-3676 for a free copy.

Most tax refunds come on time...

... But if it's been 10 weeks since you filed your tax return and you still haven't received your refund check, find out about it. Call the special phone number in your tax forms package and the IRS Automated Refund Service can check the status of your return.



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If you pay someone to take care of your child or dependent, you may qualify for a tax credit or the exclusion for employer-provided dependent care assistance.

New tax law changes require you to report your care provider's name, address and taxpayer identification number (usually the Social Security number) on your 1989 return. Have your provider fill out Form W-10, "Dependent Care Provider's Identification and Certification," and transfer that information to Form 2441, if a Form 1040 is filed, or Schedule 1, if a Form 1040A is filed. Not providing this information may result in credit being disallowed. Only the name and address are required if the provider is one of certain tax-exempt organizations, such as a church.

The credit could be from 20 to 30 percent of your eligible expenses, depending on your adjusted gross income. That amounts to a maximum of \$720 if you have one qualifying person and \$1,440 if you have two or more.

To qualify for this credit:

- You must file a Form 1040 or Form 1040A;
- Your child and dependent care expenses must be incurred to allow you (and your spouse, if you were married) to work or look for work (there is an exception if your spouse was a student or disabled);
- You must have income from work during the year;
- You (and your spouse, if you were married) must have kept up the home that

Reservists, Guardsmen And Income Taxes

Reservists and guardsmen cannot deduct transportation expenses between home and a weekend drill site if their normal work week is Monday through Friday and the drill is in the general area of their tax homes.

Transportation expenses can be deducted if the meeting is outside the general area of the service member's tax home. Commuting expenses to attend official meetings held after work on a normal workday may be deducted.

The unreimbursed cost of uniforms is deductible if reservists are restricted by military regulations from wearing the uniforms except while on duty. In figuring this deduction, subtract any non-taxable clothing allowance received—your miscellaneous deductions claim is the amount that exceeds 2 percent of your adjusted gross income.

Armed Forces Uniforms

Active duty service members usually cannot deduct the price of uniforms. However, if local military rules prohibit wearing fatigues outside normal duty hours, one may take a deduction. Claim as a miscellaneous itemized deduction the amount uniform purchase and upkeep costs exceed the clothing allowance. That deduction is subject to the 2 percent adjusted gross income limit.

you lived in with one or more qualifying persons;

- You must file a joint return if you are married, or you must meet special requirements to file a separate return; and
- You must have made payments for child and dependent care to someone you or your spouse could not claim as a dependent; if the person you paid was your child, he or she must have been 19 or older by the end of the tax year.

If you are claiming a dependent on your federal income tax return, remember that a Social Security number must be obtained for dependents who are at least age 2 by the end of the tax year. Contact your local Social Security Administration office and ask for Form 55-5, "Application for a Social Security Number Card," and instructions.

If your dependent does not receive a number by filing time, a return must still be filed. "Applied for" must be written in the space provided for the number. For tax year 1989, dependents under age 13 are qualifying individuals for this credit. Dependents under 15 previously qualified.

If your employer reimburses you for dependent care, the dollar limit on expenses eligible for the credit is reduced. Dependent care services provided by your employer may be excluded from income within certain limits.

Call IRS toll-free at (800) 424-3676 for Publication 503, *Child and Dependent Care Expenses*, and Form W-10. Both provide additional information.

IRS provides listing to many free services

Publication 910, *Guide to Free Tax Services*, lists all the assistance, tax services, education programs and free publications offered by the Internal Revenue Service.

Publication 910 includes information on:

- Toll-free numbers;
- Tele-Tax, IRS' recorded telephone tax information and automated refund information service;
- Volunteer Income Tax Assistance;
- Tax counseling for the elderly;
- Small Business Tax Education Program;
- Community Outreach Tax Assistance; and
- Audiovisual instructional materials available for loan.

The guide explains how to request copies of prior-year tax returns and answers commonly asked questions about taxpayer accounts and refund status. It provides information on filing returns, both on paper and electronically, and explains how to correct a return after it has been filed.

Publication 910 describes assistance available through the Problem Resolution Office, which helps taxpayers whose problems have not been resolved through normal IRS channels. It also explains how IRS collects taxes and examines returns.



WELL DONE--LCdr. Richard Titi, officer-in-charge of the NWC Branch Medical Clinic congratulates hospital corpsmen Ted St. James (front) and Tim Roberts on their promotion to second class. Later in the ceremony, Roberts was named as the clinic's Sailor of the Quarter for first quarter of FY-90. Photo by PHAN Cary Brady

Clinic honors Roberts, Morrow

On January 5 officers, sailors and civilians of the Branch Medical Clinic took time out to honor three of their own. A dual promotion ceremony was followed by the announcement of Sailor and Civilian of the Quarter for the first quarter of FY90.

Froked to second class rank were hospital corpsmen Timothy Roberts and Ted St. James. Afterward, LCdr. Richard Titi, clinic officer-in-charge, recalled petty officer Roberts to the podium to receive his commendation as Sailor of the Quarter. Honored as outstanding civilian of the quarter was Gloria Morrow, a medical records technician for the clinic's administrative office.

Petty Officer Roberts is currently the only preventative medicine technician attached to

the branch clinic. "Alone you successfully filled two billets, one which is historically assigned to someone two to three paygrades senior to you," noted LCdr. Titi in the letter of commendation, "You have accepted increasing responsibility and challenges with vitality and a totally dedicated quest for accomplishment. . . Additionally you have contributed significantly to the morale of the clinic as a member of the clinic's baseball and bowling teams." LCdr. Titi concluded Roberts' citation with a hearty handshake and "Well done for Navy Medicine."

Civilian of the Quarter, Morrow is a key asset to the clinic's daily operation, claimed LCdr. Titi. "Your experience in various areas of the clinic and ability to

adapt to ever changing military and civilian personnel make you a valued teammate." Morrow performs collateral duties as patient contact representative, office of medical affairs liaison, coordinator for active duty obstetrical care, and quality assurance administrative assistant to the clinic's senior nurse. In all her duties she exhibits, says Titi, "consistent performance and a thoroughly superb manner."

Using the occasion to welcome the troops back from accident-free holiday leave, LCdr. Titi passed on positive results of a year-end clinic user survey which put customer satisfaction rate 88-89 percent. He shared his thoughts on the history-making events of 1989 and challenges in the year to come.



UPWARD MOBILITY--Capt. Robert Dropp, commanding officer of enlisted personnel, officiated at a promotion ceremony last Thursday in the Hangar 3 pilots' lounge. Sixteen 'brownshoes' and 'blackshoes' from the Center were froked to E-5 or E-6 rank.



The Skipper Sez...

QUESTION

Civilian employee -- I was extremely disappointed recently to see the *Rocketeer* staff dedicate so little space to the Youth Soccer Team. Those boys look forward to seeing their names in the paper. I think that youth activities are of a prime importance to this Center and they should be. I think that this base is about people and not advertisements. The article started out with "Due to limited space only scores will be printed." Well, the limited space was due to more than half of the page being taken up for an ad of some sort of Motorola Seminar. I think this is inappropriate. I think if the paper gets to a point where they sell more ad space than have information about people, then they should put out a separate ad circular. The *Rocketeer* staff ought to be sensitive to keeping in mind that this paper is about the people on this base. Thank you.

ANSWER

The *Rocketeer* is the only Navy RDT&E Center newspaper that covers youth sports and this coverage is subject to space limitation as are all articles not directly mission-related. The names were omitted not just because of the advertisement on that page, but because of the amount of sporting events, training items, personnel announcements and news articles in that particular issue.

We are sensitive to the issue of who the paper is for and will continue to give as much coverage to China Lake personnel and events as possible.

Additionally, we have initiated a study to compare our paper's cost, staffing, formatting and responsiveness to our customers' needs with other RDT&E Center publications with the express purpose of improving the *Rocketeer*. Your ideas and viewpoints are welcome inputs.

QUESTION

The sign at the front gate says no soliciting is allowed on Center. Has there been a waiver of the regulation recently which allows Apple Computer to run their technology showcases here, using government facilities? I am referring specifically to the 4th Annual Apple Technology Showcase held here on Nov. 7, 1989.

ANSWER

The "No Soliciting" sign on the front gate is intended to prohibit the door-to-door or office-to-office salesmen from disrupting the workplace. This must be distinguished from authorized opportunities for government contractors to demonstrate the various types of supplies and services available in an organized, nondisruptive environment. Apple Computer was allowed to hold its 4th Annual Technology Showcase here based upon this distinction. When a vendor is merely showing its current products, the use of government facilities is proper because Naval personnel may examine and familiarize themselves with the various products in order to make informed decisions on how to best meet the Navy's needs. Regarding the use of government facilities for such a showcase, such a use is proper if the event supports the Navy's mission. By allowing NAVWPNCEN personnel the chance to examine without buying, the showcase format assists Navy personnel in identifying and evaluating various products which are on the market.

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. Douglas Cook. 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 two or three questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave their name and phone number for a direct contact, but otherwise, this is not required.

Single parents lend support

On Jan. 24, the organizational meeting of the Single-Parents Support Group will be held at 3:30 in the Branch Medical Clinic Conference Room.

All active duty single or soon-to-be single parents are invited to attend. For more information, call LCdr. Kusnierek at NWC ext. 2911.

MOVING OUT - Movers and employees carry out boxes from the old Technical Library building located on Blandy Avenue. The library's acquisition and cataloging functions as well as the Library Division staff have moved into their new locations in the old duplex compound at Inyokern and Hussey roads. Circulation and reference services are available in the building near Michelson Lab's north entrance. A ribbon-cutting ceremony is planned for Feb. 1.



There are people today whose lives seem to echo a song popularized by Frank Sinatra called "I Did It My Way." The gist of the lyrics is that whatever I've been, whatever I've done with my life, however I've done it, for better or for worse, I did it my way, and that's the important thing. What Jesus is saying is that you cannot fulfill your life by doing it your way; you cannot grow into and become the beautiful person God created you to become by doing it your way. "I Did It My Way" is the supreme blasphemy, but a great many people in today's world feel this way.

We are dependent upon God, absolutely, for life itself and for the means of bringing life to fulfillment. "Not my will, but Thy will be done, Lord." Until we are prepared to say that and mean it, we cannot possibly accept for ourselves the life-fulfilling Grace God is offering us constantly. For many of us, this is the point at which the whole religious enterprise breaks down. When it comes down to the point of really getting serious about making that 180 degree turn and putting our lives into position for a resounding "Yes!" response to Jesus' call to radical obedience, we back off. We tell ourselves that the protocol in God's Kingdom is unacceptable -- and we want out.

We find it enormously difficult sometimes to understand the manner in which Jesus calls men and women to be His followers. He passes along the shore of the Sea of Galilee and calls fishermen away from their occupation to a life of radical obedience. He passes through the market place and calls men away from their counting tables to a life of radical obedience. He passes through your life and mine, and He calls us to radical obedience: "Come, take up your cross and follow Me." The obedience may even be obedience to death, He tells us. He shows us, in His own life, exactly what that means. There were people in the time of Jesus who heard this call but did not accept it and, of course, the same is true today.

There is the story of a tavern proprietor who locked up his place at 3 a.m. and went straight home to bed. He had slept only a few minutes when the telephone rang. He picked up the phone and heard an obviously inebriated man ask, "What time do you open up the tavern in the morning?" The tavern owner was so furious he just slammed down the receiver and went back to bed. A short time later he was aroused again by the telephone's ring. Again the same inebriated voice asked, "What time do you open up in the morning?" "Listen," the tavern owner said, "there is no sense in asking me what time I open because I wouldn't let a man in your condition into my place." Whereupon the caller replied, "I don't want to get in; I want to get out."

It is simply amazing to see so many people who are in Church wanting out when events force upon them the hard choice of "doing it their way" or doing it God's way. All of the surface reasons they had for wanting in just fade away when they realize that Jesus is calling for a much deeper response than any of those reasons can provide. They want out! They don't leave the Church in the physical sense but spiritually they are out because they are "doing it their way," instead of God's way.

By Lt. G.L. Goodman, CHC, USNR

Surplus auction planned

Local Auction 41-0149 of surplus government property will be held by the Defense Reutilization and Marketing Office at China Lake on Tuesday, Jan. 30.

The auction will begin at 9:30 a.m. in the Officers' Club, and the public is encouraged to bid.

Among the 200 items to be offered will be Hammond musical electronic organs, drafting tables, laboratory ovens, boats, industrial sewing machine, meat slicer, restaurant equipment, welder, computers, IBM typewriters, stoves, refrigerators, electrical and electronic equipment and pickup trucks.

The items will be on display for inspection from 8 a.m. to 2:30 p.m. daily, except weekends, beginning Thursday, Jan. 25. A complete list, as well as sale terms and conditions, can be seen at Building 1073, Warehouse 41.

Inspection eyes safety and health concerns

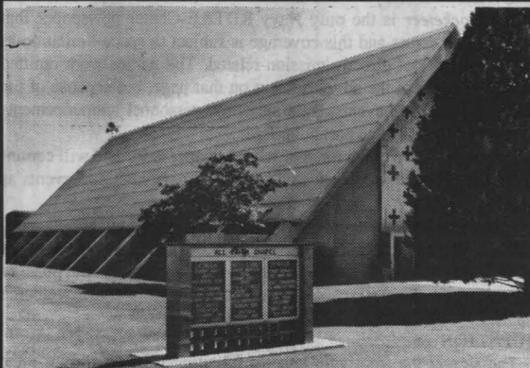
Under the direction of the Naval Inspector General, an Occupational Safety and Health Oversight Inspection of the Naval Weapons Center will be conducted Jan. 30 through Feb. 2. Per SECNAVINST 5430.57, the Naval Inspector General provides an alternative to the chain of command for receipt of complaints from Navy military personnel and serves the Secretary of the Navy as the official to whom Navy civilian employees may, without fear of reprisal, provide facts concerning alleged violations of civil service rules.

Center personnel wishing to meet privately with the chief inspector may do so between 1 and 2 p.m. on Jan. 31. Those wishing to present alleged violations of occupational safety and health requirements should first make an appointment by calling the Safety Program Office (Code 2405) at NWC ext. 2315 prior to Jan. 30.

Personnel should bring copies of any supporting documentary information during the meeting.

Alleged violations in the process of grievance or formal appeal, or matters related to OWCP handling of workers' compensation, environmental differential pay, or past disagreements with supervisors WILL NOT be entertained by the chief inspector.

From Safety Program Office



Divine Services

Protestant

Sunday Worship Service, East Wing 8:00 a.m.
 Sunday Worship Service, Main Chapel 10:30 a.m.
 Sunday School, Annexes 1, 2 & 4 9:00 a.m.
 Bible Study (East Wing), Wednesday 11:30 a.m.
 (September thru June)
 Men's Prayer Breakfast, East Wing, Thursday 6:30 a.m.
 Officers' Christian Fellowship/Christian Military Fellowships, East Wing, Thursday 7:00 p.m.

Islamic

Jumaa Prayer (Friday in Annex 4) 12:00 noon

Roman Catholic

Sunday Mass, Main Chapel 9:00 a.m.
 Daily Mass, Small Chapel 11:35 a.m.
 Confession (Sunday), Command Chaplain's Office 8:15-8:45 a.m.
 Confession By Appointment Anytime
 Religious Education Classes (Sunday) (September thru May), Annexes 1, 2 & 4 10:30 a.m.

Jewish

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

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 Chaplain G. L. Goodman, LT, CHC, USNR
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April tax time draws near

Rocketeer offers tips, information for returns

In less than three months, China Lakers, like taxpayers throughout the country will be filing their 1989 federal and state income tax returns. This special section of the *NWC Rocketeer* is devoted to tips and information about who needs to file, what may or may not be deductible and special information on federal taxes for active duty members of the U.S. Armed Forces.

Perhaps the most important tip the *Rocketeer* can offer is to remember you must report all income. This includes income earned in another country, cash payments from second job, freelance assignments and income from home child care service.

The deadline this year is April 16 since the normal April 15 deadline falls on a Sunday. The Internal Revenue Service urges taxpayers to file returns as early as possible. This is especially true for individuals due a refund of taxes paid. The refund will take longer to receive for people who wait until the last minute to file a 1989 return.

All information contained in this special section was provided to the *Rocketeer* by the Department of Defense American Forces Press Service.

Military Pay: Some Taxed, Some Not

Because certain military payments are not taxable, service members are sometimes confused as to what is and isn't taxed. Taxable income generally includes:

- Active duty pay;
- Reserve training pay;
- Re-enlistment bonuses;
- Service academy pay;
- Amounts received by retired personnel serving as instructors in Junior ROTC programs;
- Lump-sum payments upon separation or release to inactive duty; and
- Military retirement pay based on age or length of service.

The following items are not taxable:

- Basic quarters allowance;
- Variable housing allowance;
- Basic subsistence allowance;
- Uniform allowance;
- Family separation pay;
- Other quarters cost-of-living allowances;
- Moving and storage expenses provided in kind or reimbursements for actual expenses for permanent-change-of-station moves;
- Benefits under Servicemen's Group Life Insurance;
- Death gratuity pay (not more than \$3,000);
- Forfeited pay, but not fines;
- Certain disability retirement pensions; and
- Department of Veterans Affairs benefits, including VA insurance dividends.

For more information, obtain Internal Revenue Service Publication 3, *Tax Information for Military Personnel*, by calling (800) 424-3676.

Tax Information For Military

Military service members with federal tax questions may wish to consult the Internal Revenue Service's new brochure, *Tax Information for Military Personnel*, Publication 3.

Subjects discussed in the publication include gross income, dependency exemptions, sale of home, itemized deductions, tax liabilities, alien status and filing instructions. Numerous examples illustrate the advice provided in the publication.

To obtain the free booklet, use the order blank in the tax package or call toll-free (800) 424-3676.

PCS moves usually reduce tax liability

Individuals who made a permanent-change-of-station move in 1989 may recoup some expenses Uncle Sam didn't cover if they itemizes deductions.

Moving expenses are a miscellaneous itemized deduction not subject to the 2 percent of adjusted gross income limit. File claims on Internal Revenue Service Form 3903, "Moving Expenses," Form 1040 and Schedule A.

Moving expenses include:

- Additional insurance coverage on household goods en route;
- Cost of shipping the family pet;
- Charges for renting trailers, roof racks and other moving items;
- Extra expenses resulting from shipping a vehicle overseas; and
- Added costs for exceeding established weight allowance.

The military member can deduct the cost of remove house-hunting trips and the cost of living in temporary quarters for up to 30 consecutive days after receiving permanent-change-of-station orders. Claims may not exceed \$1,500. The cost of selling the old home, buying a new home, settling an unexpired lease and acquiring a new lease are also deductible, but they, added to the trip and quarters claim, may not exceed a total of \$3,000.

One can fully deduct the cost of moving household goods and personal effects to the new station, as well as travel and lodging.

Subtract any reimbursements the government paid for the move.

For more information, read Internal Revenue Service Publication 521, *Moving Expenses*.

Community Events

Monday, Jan. 22 the Desert Art League will meet at 7:30 p.m. at the Ridgecrest Senior Citizens' Center. Featured artist Cheri Rol, a "Certified Decorative Artist" through the the National Society of Tole and Decorative Artist Society, gets her inspiration in beautiful outdoor surroundings. She attended the University of Oregon and has studied under many well-known "Master Decorative Artists." The public is welcome to attend this informative demonstration in new creative ways to paint.

On Saturday, Jan. 27, Inyokern Airport will sponsor another *Fun Day!* Come out and enter the flour bombing contest, balloon popping contest and the spot landing contest. Sign ups are from 8 to 9 a.m. During the year, the airport will host four *Fun Days*. Individuals will be able to accrue points during each fun-filled day. At Air Fair '90, the winner will be declared. After the contests, a barbeque is planned. Cost is minimal, so come out and have some fun! For more information, call 377-4140 or 377-5844.

Harmony Deja Vu, an evening of four-part barbershop harmony, will be hosted by the Sweet Adelines tomorrow at 7:59 p.m. at the Naval Weapons Center Theatre.

The local Singing Sands Chorus will join voices with the Verdugo Hills Chorus, eight time Pacific Southwest champions. Quartets from the visiting chorus, as well as a local quartet, *Sierra Wave* will perform. Male barbershoppers and a Blue Grass instrumental group from the valley will add to the evening's entertainment.

Tickets may be purchased at the door or from any local Sweet Adeline member at a cost of \$5. For more information call 375-4923.

Volunteers are needed for Maturango Museum's Museum Clean-up Day set for Saturday, Feb. 3, from 9 a.m. to 3 p.m. Work needing to be done includes clean-up of the grounds and painting of meter containers. Some tools and supplies will be available, however, heavy-duty push brooms, flat shovels, rakes, paint brushes and rollers are still needed. For their labors, volunteers will be given lunch. For those who would like to volunteer, please call the museum staff at 375-6900 to tell them which tools you can provide and how many will join them for lunch.

Once again the Loma Linda Center for Health Promotion is offering a Health and Risk Evaluation in Ridgecrest. This comprehensive evaluation will be held on Sunday, Feb. 4, at the Ridgecrest Adventist Church, 555 Las Flores. Appointments are necessary and may be made by calling 1-800-824-4949 before Feb. 1.

Center offers tot tumbling

Exercise is important for all ages. The Naval Weapons Center's Youth Center is now offering creative tumbling classes for two to seven year olds.

Cost per month is \$18 for military dependents, \$20 for DoD dependents and \$22 for all others. Classes start Feb. 1. Classes for two year olds are held from 9:30 to 10:15 every Thursday morning. Classes being held from 10:30 to 11:15 a.m. are for three year olds, while four year olds attend the 11:30 a.m. to 12:25 p.m. classes. Children five to seven years of age have their classes from 3:30 to 4:25 p.m.

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FREEDOM FOR ALL--Cdr. Walter Leverette, CHC, USN of the Naval Hospital, San Diego, talked about the quality of life in the 90s when he spoke at the Martin Luther King Jr. commemorative celebration last Sunday.

IVWARC seeks nominees Valley to reward humanitarian

Nominations for the 1989 Humanitarian of the Year Award are being sought by the Indian Wells Valley Association for Retarded Citizens (IWVARC). This award is intended to recognize the contributions of energy and talent of member and non-member, public-spirited citizens working on the behalf of the individuals with mental retardation. A statement of the nominee's qualifications/contributions for the award must be included for consideration. The deadline for nominations will be Jan. 24. Nominations should be mailed to IWVARC Membership Committee, 216 N. Gold Canyon Drive, Ridgecrest, CA 93555.

The award will be presented to the winner during the Annual Awards Dinner scheduled for Feb. 22 at the Carriage Inn. A social hour will begin at 6:30

p.m., with dinner immediately following. The public is invited to attend.

For more information about the dinner, or to obtain a criteria

and nomination form for the Humanitarian of the Year, please contact Cathy Fedel at the IWVARC at 375-9787.

Weather Report

	Max	Min	Gusts
Thurs.	74	27	4 knots
Fri.	68	33	12 knots
Sat.	57	47	19 knots
Sun.	59	37	-- knots
Mon.	--	--	11 knots
Tues.	60	24	20 knots
Wed.	47	29	6 knots



TEAM AWARD--Nine China Lakers were honored by Capt. Douglas W. Cook, NWC Commander and Bill Porter, Technical Director, with the Naval Weapons Center Team Award. This award was in recognition of contributions by the Computer Security Working Group in development of a new accreditation package for each computer system. Porter noted he was convinced the new package will get a lot quicker and a lot better response. Capt. Cook added that the number of computer systems on-Center has topped 7,000. Honored for their part were Mona Alkahfi, Kay Blackstone, Rilee Peters, Gunars Svika, Charles White, Linda Wilson and Judith Yates. Missing from the photo were Sandra Beach and Arthur Edmunson.

TID Photo by Don Cornelius



As new software releases are available through the Software Library in the PC Lab, I will highlight those which generate a high interest.

For those of you who have been anxiously awaiting a good flowcharting application, there are now three flowcharting applications for the Macintosh that are available to check out from the Software Library; they are Top-Down, McFlo and Diagram Maker. Watch for Flowcharting II for the IBM PC in the near future.

The drudgery associated with manual flowcharting is all but extinct when using any of these applications. Each application offers numerous features which greatly simplify flowcharting tasks. The features common to all

three applications include a set of standard flowcharting symbols; symbol resizing, replacement of any number of symbols with a different symbol, importing your own symbols and graphics and exporting charts as PICT files.

In addition, each application's data base stores the links between the different levels of your flowchart, enabling you to easily move through the flowchart from one level or document to another. There are many more unique features to each application which you can explore when you check out these programs for yourself. I think you'll be pleasantly impressed with what you find.

Contact the PC Lab, Code 2703, at NWC ext. 6631 for more information.

By Bob Beane

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Weinberger lead speaker at SAMPE's symposium

Former Secretary of Defense, Caspar W. Weinberger, will be the keynote speaker at the Society for the Advancement of Material and Process Engineering's (SAMPE) 35th International Symposium and Exhibition. The event is scheduled for April 2-5 at the Anaheim Convention Center in Anaheim.

Weinberger was appointed Defense Secretary in 1980. He was knighted in 1988 by Great Britain for his role in strengthening the Western Alliance. During his term in office, Weinberger was credited with the biggest peacetime defense build-up ever.

Weinberger's speech will take place on April 3, at 9 a.m., at the Anaheim Hilton & Towers Hotel.

SAMPE, founded in 1944 as an international educational and scientific association dedicated to the advancement of new materials and processing, serves as the world's leading source of material and process information. It provides a major forum for scientists, engineers, technicians and companies involved in the most advanced developments in materials and processes. SAMPE sponsors technical conferences, symposia and exhibitions, and publishes several publications.

For addition information about SAMPE, please call Marge Smith, SAMPE business director, P.O. Box 2459, Covina, CA 91722, telephone (818) 331-0616.

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CONGRATULATIONS--Dr. Wayne Weimer (right) and Dr. Curtis Johnson were presented Technical Director Awards last month by Bill Porter, NWC Technical Director. The two Research Department scientists were recognized for their work in diamond film growth for optical applications.

TID Photo

Weimer, Johnson earn awards

(Continued from Page 1)
NWC's only capability for making measurements on diamond films using Raman spectroscopy," added Derr.
When it was established that they were indeed growing diamond film, work began on measuring infrared transmission and

thermal stability of the material. These measurements showed the transmission was as good as those being produced in any other laboratory at the time as well as meeting potential application standards.
The thermal properties were found to be superior to that of

existing long wave infrared dome materials.
Based on the work at NWC and elsewhere, the Department of Defense is planning programs to develop diamond for missile dome applications during the coming year.

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CNO affirms Navy's priority for people

Chief of Naval Operations Adm. Carlisle Trost has reaffirmed his commitment to Navy people, saying they remain his top priority as the Fiscal Year 1991 budget is prepared.

Adm. Trost, in a recent interview released by his office, said he is hopeful that the Navy will continue to meet its OPTEMPO/PERSTEMPO goals, despite the fact budget constraints may cause some force structure reductions. The CNO said that if the Navy is forced to reduce force levels, then commitments must also be reduced so that we can sustain the policy of OPTEMPO/PERSTEMPO and deployment ratios set more than four years ago.

Asked about the Fiscal Year 1990 budget recently passed by Congress, Adm. Trost said he felt the Navy "did fairly well, although we didn't get everything we wanted.

"By and large, we managed to sustain the Navy we want and need to do our job. And we continue to be able to give top priority to our personnel programs to ensure that they work properly," the CNO said.

"In our (Navy's) case, we decided not to take personnel cuts that would equate to the dollar amount in our personnel account, but instead we offset that amount by taking further cuts out of other accounts -- procurement, operations, sustainability," he said.

Concerning the Fiscal Year 1991 budget, Adm. Trost said his priorities will be people; overall readiness of the Navy; protecting the future by ensuring the Navy has the necessary research and development programs in place; and preserving the force structure the Navy needs to do its job on a day-to-day basis.

In discussing the changing political atmosphere in the world, the CNO contended that the performance of our people has done a lot to create the environment which has brought about the decrease in tensions. But he expressed caution about the euphoria which has consumed many individuals because of the changing world situation.

Adm. Trost also said that senior government leaders recognize the importance of naval forces and their employment around the world. "I think that's because our people have done such a superb job of meeting every challenge that's come up. We have done our jobs so well wherever and whenever called up," Adm. Trost contended.

Sailors benefit from EEAP time

Sailors can benefit from a 24-month period. All EEAP members now have the opportunity to complete as many credits as they can in a two-year time frame, including earning a bachelor's degree.

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Educational opportunities are available

Files Improvement and Records Disposition (12 hours)
Feb. 13-15, 0800-1130, Training Center. By Pam Rivera.

Intended Audience: Clerical/administrative.

Scope: This class is designed to help record keepers understand and apply basic rules related to filing. Topics covered are standard filing procedures; eliminating needless filing; cross-referencing; indexing; and using filing aids such as color codes, labels, file guides and recommended file folders. Use of the Navy Standard Subject Identification Code and the use of microfilming, identification of record material, disposal of records and use of the Federal Records Centers for storage will be discussed.

Deadline: January 30.
Filemaker on Macintosh (20 hours)
Feb. 21-23, 0800-1600, Training Center. By Daryl Vaughn.

Prerequisite: Basic Macintosh operating skills.

Intended Audience: Beginning users of the filemaker program.

Scope: This course will cover file structure overview such as files, records and fields; managing information overview; creating/opening/closing/copying files; defining fields -- types and options; adding/editing information; finding and sorting information; layouts/arranging information;

and exchanging information between files and/or between applications.

Deadline: February 2.
Propulsion Systems (24 hours)
Feb. 20-22, 0800-1600, Training Center. By Ron Dettling.

Scope: This class is designed to provide the systems engineer with an overview of the different types of propulsion systems that are used in tactical weapons; the criteria used to select the optimum propulsion type for the mission requirements; critical design and development parameters, costs, risk levels; and especially, how the propulsion system can interact with and affect the other minor subsystems and the overall weapon. As many actual "war stories" as possible will be presented.

Note: This course is intended for Systems Engineering Certificate students; others admitted on a space-available basis.

Deadline: February 2.
UNIX System for Programmers (32 hours)
Feb. 26-Mar. 1, 0800-1600, Training Center. By Staff of AT&T

Intended Audience: Experienced programmers who are not familiar with the UNIX operating system.

Prerequisites: Programming experience and knowledge of an

operating system.

Scope: This fast-paced course is for students requiring a working knowledge of the UNIX system environment and the Bourne shell as a programming language. The course consists of instructor-led presentations and hands-on lab exercises. Topics include introduction to the UNIX system, basic system utilities, the vi editor, file system concepts and file manipulation, file name generation characters, file permission, toolbox of commands, introduction to shell programming, quoting, shell control constructors and user to user communication on the UNIX system.

Deadline: February 9.
Troubleshooting Digital Circuits (40 hours)
Feb. 26-Mar. 2, 0800-1600, Training Center. By William Coffron, consultant.

Intended Audience: Electronic technicians who are required to repair and maintain electronic equipment which use discrete and integrated circuits.

Prerequisites: Completion of a basic course in digital logic or the equivalent work experience with digital circuits.

Scope: The principal objective of this course is to give the student hands-on experience in practical techniques of troubleshooting digital logic circuits. The learning objectives of the course are to comprehend how logic

devices function and how their characteristics change when they are defective; to become familiar with the basic tools and techniques in troubleshooting digital logic; and to acquire skill in isolating faults at the system, subsystem and circuit level by hands-on application of the techniques learned in class on logic system trainers.

Deadline: February 9.
Naval Messages (4 hours)
Feb. 22, 0800-1130, Training Center. By NWC staff.

Intended Audience: Employees who come in contact with Naval messages.

Scope: This course covers the steps involved in drafting and typing the narrative type of Naval message, including the response of the drafter and releaser. Minimize procedures will also be covered.

Deadline: February 7.
MIL-STD-1553 Multiplex Bus (24 hours)

Mar. 5-7 (class), Mar. 8 (optional after class demonstration); 0800-1600; Training Center. By David Pastorino, consultant.

Intended Audience: Engineering managers, junior profession-

als who are engineers and technicians with an engineering background. Those attending should have a general knowledge of how digital data buses work.

Scope: A general overview of the MIL-STD-1553 will be presented with emphasis on definitions and general requirements and key elements comprising a 1553 communications system. Other topics will include specification comparison of the detailed uses of the standard, a review of the system design considerations and discussion of remote terminal and bus controller designs. Finally, a discussion of the types of hardware used to comprise a 1553 system, including bus controllers, remote terminals and bus monitors. Also included here will be a discussion of software considerations for a bus controller.

Optional Demonstrations: Day four is optional. It covers in-class demonstrations of various data bus applications, to reinforce the previous lecture material.
Deadline: February 16.

To enter any of these classes, submit NWC Form 12410/73 via departmental channels to Code 224.

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Secretarial opportunities

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

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

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

No. 62-004 Secretary (Typing), DG-318-2/3, Code 623. This position is located in the Instrumentation Systems Division, Range Department. The incumbent will provide secretarial support to the division and

support to the division administrative officer. Knowledge and experience on the Macintosh or IBM computer is desirable but not required. Promotion potential to DG-3, but not guaranteed.

Certification training offered to soldering operators, inspectors

Government and contractor personnel needing certification as soldering inspectors or operators can sign up for a 40-hour course to be held Feb. 12-16. The class meets from 7:30 a.m. to 4:30 p.m. at 543 Graaf St. in Ridgecrest.

This high-reliability soldering course to MIL-STD-2000 requires that participants have (1) previous soldering experience and (2) a current eye examination.

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

Workers can learn about NWC's financial system

Financial Management for Non-Financial Personnel (5 hours)

Scope: This course provides non-financial personnel with basic information on the NWC financial system. Topics include basic information about NIF, overhead, job order numbering, customer order numbering, facilities, appropriations and how the Center is funded. Recommended for people who have been on-Center a minimum of six months. Enrollment Form 12410/73 is required.

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Center looks for leave donors

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 donate annual leave to the employee should fill out the form at the end of this column, clip it out and send it to Code 221. For more information about this program, call NWC ext. 2018.

Melody (Reymond) Miller, Budget Analyst, Code 2836 -- underwent emergency surgery and is indebted for over 140 hours of leave.

George Petty, Physicist, Code 3924 -- was admitted to the Duke University Hospital on an emergency basis with the diagnosis of acute myelogenous leukemia.

Mary Eddins, Configuration Manager, Code 2732--received neck and back injuries in an automobile accident. She is now back to work part-time, but is indebted for leave.

William Eastman, Clerk Typist, Code 2851 -- has undergone back surgery to remove disk material from his spine.

Debra Campbell, Administrative Assistant, Code 2803 -- is recovering from complications due to pregnancy and childbirth.

Mike Mason, Mechanical Engineering Technician, Code 3526 -- is continuing to receive chemotherapy treatments at UCLA for his long-term illness. He is able to work intermittently between treatments.

Michael Phillips, Student Trainee (Computer Scientist), Code 2803 -- has had repeated surgeries for recurring tumors of the knee, which have led to two replacements of the knee joint.

Robert R. Huntley, Program Manager, Code 35A1 -- has

returned to work after spinal fusion and neural surgery. He remains indebted for leave.

Betty Cirotski, Procurement Assistant, Code 31B1 -- will be undergoing surgery for a total hip replacement.

Satik Martinsen, Management Assistant, Code 36402 -- is diagnosed as having nodular sclerosing Hodgkin's Disease and is currently undergoing treatment.

Nancy Muro, Engineer Technician, Code 3033 -- has multiple fractures, dislocations and major tissue damage to her left foot.

Mary Elaine Hooper, Secretary, Code 3201 -- underwent surgery and is indebted for leave.

Leave Donation Form
Complete and send to Code 221

From: _____

Code: _____

I wish to donate _____ hours of my annual leave to: _____

I have attached a copy of my last leave and earning statement.

Signature _____ Date _____

Right clothing makes for safe winter



WIND CHILL CHART

		AIR TEMPERATURE (°F)																
		60	56	52	48	44	40	36	32	28	24	20	16	12	08	04	00	-04
		EQUIVALENT TEMPERATURE (°F)																
		EQUIVALENT IN COOLING POWER ON EXPOSED FLESH UNDER CALM CONDITIONS																
WIND SPEED KNOTS	04	58	53	49	46	40	37	33	30	26	23	19	14	10	06	03	-02	-05
	08	51	47	42	37	33	30	24	21	15	10	08	01	-03	-07	-12	-16	-25
	12	48	44	38	34	30	24	18	14	09	03	-02	-07	-12	-18	-23	-28	-34
	16	46	40	35	32	26	19	14	09	03	-02	-07	-12	-18	-23	-30	-36	-41
	20	44	38	32	29	23	17	10	05	00	-05	-12	-18	-23	-29	-36	-41	-47
	24	42	37	32	26	21	14	08	03	-03	-09	-14	-21	-27	-32	-39	-45	-50
	28	41	36	32	25	19	12	06	01	-05	-11	-18	-23	-30	-36	-41	-48	-54
	32	40	35	30	24	18	11	05	00	-07	-12	-19	-25	-32	-38	-45	-50	-57
	36	40	34	29	23	17	10	04	-01	-08	-14	-20	-27	-32	-39	-47	-52	-59
	40	40	33	28	22	15	10	03	-02	-09	-15	-21	-27	-34	-41	-47	-54	-59
44	39	33	28	22	15	10	03	-02	-09	-15	-21	-29	-34	-41	-47	-54	-61	

Winter weather conditions in the high desert and surrounding mountains can change quickly and travelers are urged to carry snow chains in their vehicles whenever going into the mountains.

Proper clothing is an essential part of enjoying the out of doors this time of the year. The best system is to dress in layers so items can be removed or replaced as conditions change.

Lloyd Corbett of the Range Meteorology Office has provided the "wind chill chart" below. This chart shows it is very possible to face the risk of freezing exposed flesh even when the air temperature is as high as 20 degrees above zero.

As wind speed increases, the air temperature against your body falls. The combination of cold temperatures and high wind creates a cooling effect so severe that exposed flesh can freeze.

China Lakers who venture in the wilds this time of the year need to be aware of the potential for sudden storms and to remember the hypothermia, disorientation and loss of control can set in long before the flesh freezes.

Enjoy the mountains and high desert valleys, but be prepared for emergencies.

LITTLE DANGER

INCREASING DANGER

NCMA sets workshop, guest talk

"Ridgecrest in the 1990's" is the focus of Slim McWilliams talk to the China Lake/Ridgecrest Chapter, National Contract Management Association Tuesday evening at Farris' at the Heritage. McWilliams is scheduled to speak at 8 p.m. following an NCMA Workshop and dinner.

McWilliams is president of the Ridgecrest Chamber of Commerce and vice president, general manager of Community First Bank.

The workshop begins at 5 p.m. The topic this month is "Cost Plus Incentive Fee Contracts."

The menu offers a choice of baked chicken or roast sirloin of beef at a cost of \$13 per person.

For reservations call Lauri Parcell at Comarco, 446-7671, ext. 391.

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TASP provides school pledge

Washington (NNS)--General detail (GENDET) personnel (seamen, airmen and firemen) have a new way to get into an "A" School. The Targeted "A" School Program (TASP) was developed to improve manning levels of GENDETS and to offer a guarantee of an "A" School seat to GENDETS within two years after initial assignment.

Benefits of TASP to the fleet and GENDETS include: COMANMILPERSCOM funded training, 18-24 month initial assignment, guaranteed "A" school and return to initial unit if a billet for rate/rating is available. TASP is designed to reduce first term attrition and to maintain a steady flow of GENDETS into commands.

Nearly 2,000 recruits enlisted under TASP in FY-89 for school within the next two years. Successful integration of TASP into initial command is part of the Navy's strategy to improve GENDET manning, while providing a program to enter the Navy and learn what ratings do with incentive of a guaranteed "A" School.

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DISTINGUISHED VISITOR--John Bolino (left) assistant undersecretary of defense (test facilities and resources) spent a day touring China Lake last month. Here Alex Bellen, head of the Aerosystems Department's EWTES Division, points out a feature on Echo Range from the top of Pilot Knob.

Photo by Steve Boster

New DOD study shows leading bargains remain available through Navy's commissary system

An independent price comparison study commissioned by the Department of Defense (DoD) revealed that Navy Commissaries save customers an average of 27.3% over commercial supermarkets. The Navy stores rated the highest in savings among the four DoD services.

The DoD Joint Services Triennial Commissary Pricing Survey, conducted by Competitive Commodities and Services (CCS), an independent market research firm, studied 29 military commissaries in CONUS, nine of which were Navy.

The Commissary prices were compared to those of three commercial supermarkets in each commissary's vicinity whenever possible. In some cases, only two supermarkets qualified for the study. Small local grocery stores, convenience stores, drug stores and box warehouse outlets were not used for comparison.

Naval Reserve has openings for new people

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Volunteer endeavor gives facelift to club

Seafarer's Enlisted Lounge gets new look

Military and civilian personnel alike were busy this weekend giving the Enlisted Lounge at the Seafarer Club a face lift. The rehab consists of painting the walls and ceiling of the lounge, a new rug, mirror tiling behind the bar and new wall decorations.

According to June Hamm, club manager, the work is being done totally as a volunteer effort. "We decided the place needed to be spruced up, so we decided to

do it," she said.

The hard-working volunteers are AMSC Anton Kiren, AMSAA Martin Martinez, AMHAN Steve Crane, Sgt. Mark Davis, SM2 Michael Clemis, Hamm, Mary Galvin, Tom Horsford and Danny Darthe.

Work will continue on the lounge until both patrons and club workers are satisfied with its "new look."

Military discount offered

WASHINGTON (NNS)--Active duty sailors, Marines and their families can get up to a 50 percent discount on coach airfares if they fly Continental, Eastern, Delta, Pan American, Northwest, TWA, United and USAIR airlines when in a leave or authorized liberty status.

"Leave fares give the servicemember full flexibility in his or her travel plans," said Col. R. Craig Thompson, director of passenger traffic at the Military Traffic Management Command. "For emergency situations that may or may not involve illness of family members, leave fares allow them to go right away, while other discount fares might not allow sufficient flexibility."

Some restricted discounted fares may offer better prices, but these leave fares come with only one restriction: only active duty servicemembers and their families can take advantage of them by purchasing tickets and checking in prior to flights with proper identification. For more information see your travel agent or contact the airlines directly at airport ticket counters.

"I'm not going far, and I won't be going over 25 mph. How can I get hurt?" Most collisions occur under 40 mph and within a distance of 25 miles of home. This is everyday driving -- to the store, the school, a friend's house.

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* Drawing held Jan. 31st, 1990 5 p.m. -- Each consecutive
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Promotional opportunities

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

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

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

Application materials are accepted, and blank forms are available, at the Reception Desk, Room 100, Human Resources Department, 505 Blandly. 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. 00-001, Patent Clerk (Typing), DG-303-1, Code 006 - This position is located in the NWC Office of Counsel (Patents). The incumbent will provide clerical support to the Patent Counsel. Duties will include answering telephone calls, mail distribution, memoranda, report and legal brief typing, filing, updating existing computer data bases and other miscellaneous clerical duties. Promotion potential to DG-2.

No. 1-64-90, Assistant Technical Director for Aerosystems and Head, Aerosystems Department, ES-801, Code 64 - This position is located in the Aerosystems Department Office, Naval Weapons Center, China Lake, California. This position is responsible for managing and oper-

ating major Department of Navy RDT&E facilities, capabilities, and ranges. The position has broad responsibilities for planning and implementing major programs for the acquisition and integration of new facilities, equipment, instrumentation, and technologies to meet national requirements for electronic warfare, telemetry systems for air- and surface-launched weapons, and Fleet and R&D recovery systems. The position is responsible for the operation of the Navy's major electronic warfare test and evaluation range. The position is also responsible for the RDT&E of missile and ground support secure telemetry systems. These systems are current and state-of-

the-art surface-to-air, air-to-air, and air-to-surface weapons. This position is responsible for the RDT&E and Fleet support of personnel and missile recovery systems. This position is also responsible for providing technical support and development of Navy test and tactical training range capabilities. This position actively participates with the tri-service community in the planning and resolution of complex problems of major RDT&E programs and Fleet systems. **Qualifications:** The incumbent of this position must (a) have a bachelor's degree in engineering or physics, or the equivalent; (b) have had experience of sufficient scope and quality to be able to carry out effectively the managerial and technical duties of the position; and (c) be fully qualified in the mandatory technical qualifications listed below. **Evaluation Method:** Applicants who meet the basic requirements will be rated and ranked by an Ad Hoc panel (AERB) against information obtained on the Technical and Managerial Qualifications noted below. **Mandatory Technical Qualifications:** 1. Demonstrated comprehensive knowledge and experience in weapons systems RDT&E and introduction into the Fleet. 2. Skills and experience in initiating, directing, coordinating and managing a wide variety of RDT&E programs. 3. Ability to communicate effectively, orally and in writing, highly complex and technical matters to a diversified audience at all levels both within and outside the agency. **Desireable Technical Qualifications:** 1. Graduate work in science, engineering or management, or equivalent experience. 2. National status as an expert in weapons systems development, test and evaluation. **Managerial Qualifications - Mandatory:** The following elements will be used to evaluate the individual candidate's record for knowledge, skills, abilities, and potential to ensure that the applicant possesses sufficient breadth and depth of executive qualifications to be able to assume a variety of SES assignments, including this position; 1. Integration of Internal and External Program/Policy Issues. 2. Organizational Representation and Liaison. 3. Direction and Guidance of Programs, Projects and Policy Development. 4. Resource Acquisition and Administration. 5. Utilization of Human Resources. 6. Review of Implementation and Results. **How To Apply:** A special application package is required and should be requested from Human Resources Department, Personnel Services Division, Code 226, Naval Weapons Center, China Lake, CA 93555, telephone no. 939-2393. The closing date for this vacancy is February 2, 1990. Application packages must be received or postmarked by the closing date.

No. 28-002, Budget Clerk/Assistant, DG-561-1/2, Code 2837 - This position is located in the Corporate Budget Branch. The incumbent assists in the coordination of the centralized job order input/output and fund document acceptance processes for the Center. **Job relevant criteria:** Knowledge of NWC customer order/job order structure; knowledge of NWC organizational structure; and knowledge of the automated billing system is desirable. Ability to understand and operate a computer terminal; ability to exercise tact in dealing with customers. Promotion potential to DG-2.

No. 31-001, Supervisory Interdisciplinary (General/Mechanical/Electrical/Electronics/Aerospace Engineer/Physicist/Mathematician), DP-801/830/850/855/861/1310/1520-3/4, Code 3103 - This position is located in the A-4M/AV-8B PROGRAM OFFICE, of the Aircraft Weapons Integration Department. The incumbent will be the Project Manager for the AH-1W Weapon System Support Activity reporting directly to AH-1W/AV-8B Project Manager. The incumbent will supervise a staff of varied disciplines and be responsible for all aspects of the NAVWPNCEN AH-1W Project. Duties involve Financial and Technical liaison with NAVAIRSYSCOM, Technical liaison with VX-5 and other field activities. **Job Relevant Criteria:** Knowledge of avionics and weapons integration; knowledge of test and evaluation activities; knowledge of embedded computer software development and validation; knowledge of affirmative action principles, including a willingness to implement EEO practices; ability to communicate orally; ability to communicate in writing. One year supervisory probationary period may be required. Promotion potential to DP-4, but not guaranteed.

No. 36-001, Supervisory Interdisciplinary (General/Safety/Mechanical/Electronics/Industrial Engineer/Physicist/Mathematician/Chemist), DP-801/803/830/855/896/1310/1320/1520-3/4, Code 368 (Multiple Vacancies) - These vacancies are to fill the soldering technology, quality assurance and reliability branch head positions in the Product Assurance Division. The division is responsible for providing product assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Please indicate the branch head position and the series for which you are applying.

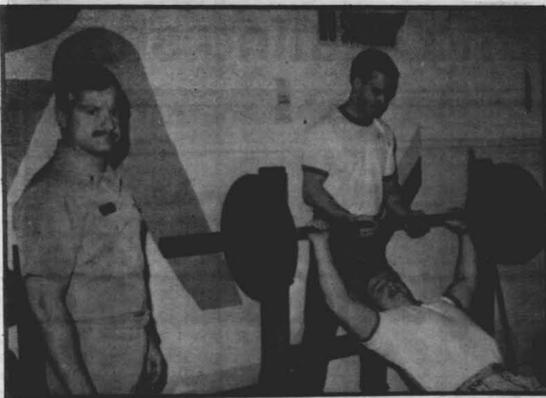
ty for establishment, coordination and implementation of Center policies and procedures consistent with applicable Center, DoD, DON, SPAWAR, NAVAIR and NAVSEA requirements and policies. This division has high visibility involving significant interface with contractor and off-Center government management,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

No. 36-002, Supervisory Multidisciplinary (Quality Assurance Specialist/Electronics Technician), DS-1910-3/DT-856-3, Code 368 (Multiple Vacancies) - These vacancies are to fill the soldering technology, quality assurance and reliability branch head positions in the Product Assurance Division. The division is responsible for providing product assurance support for a wide range of complex weapons systems and related equipment developed or managed by the Naval Weapons Center. The division has the responsibility for establishment, coordination and implementation of Center policies and procedures consistent with applicable Center, DoD, DON, SPAWAR, NAVAIR and NAVSEA requirements and policies. This division has high visibility involving significant interface with contractor and off-Center government management, and requires extensive travel. **Job Relevant Criteria:** Knowledge of the weapons system acquisition process; knowledge of and a willingness to support NWC EEO program goals and objectives; ability to supervise a large branch through subordinate section supervisors; ability to communicate well both orally and in writing; ability to interface effectively with both on and off-Center management. Incumbent may be required to serve a one-year supervisory probationary period. Promotion potential to DP-3, but not guaranteed. Please indicate the branch head position and the series for which you are applying.

No. 28-002, Budget Clerk/Assistant, DG-561-1/2, Code 2837 - This position is located in the Corporate Budget Branch. The incumbent assists in the coordination of the centralized job order input/output and fund document acceptance processes for the Center. **Job relevant criteria:** Knowledge of NWC customer order/job order structure; knowledge of NWC organizational structure; and knowledge of the automated billing system is desirable. Ability to understand and operate a computer terminal; ability to exercise tact in dealing with customers. Promotion potential to DG-2.

Small purchase class scheduled

The Small Purchase Acquisition Process (8 hours)
Feb. 5, 0800-1600, by Linda Watkins, Code 25.
Scope: This is a "how to" workshop designed to familiarize Center personnel with the procurement process. Topics include preparation of 9-part stubs, purchase descriptions, commercial versus system orders and other information to assist the "end user."
Deadline: January 26.



WORKING OUT--LCdr. Robert E. Davis watches as Lt. Larry Moore spots RM2 Ervin Pannel in the Gymnasium Annex's Weight Room. Out of over 30 entries, only 10 completed the challenge, including these three men. The challenge consisted of working out for a minimum of 30 minutes per day for 28 days. All 10 men received free t-shirts for their efforts.

Future off-road races prohibited by BLM

Citing numerous problems associated with conducting point-to-point off-road races in the California Desert Conservation Area, Bureau of Land Management officials recently announced their intent to disapprove any future applications for the American Motorcyclist Association's Barstow-to-Vegas and Johnson Valley-to-Parker races and SCORE's Parker 400.

"Based on the cumulative environmental impacts of these events over the years, the sponsors' continuing problems in managing the events, and the emergency listing of the desert tortoise as an endangered species, we feel strongly that further consideration of these races is inappropriate," said BLM California State Director Ed Haste.

"Although the American Motorcyclists Association and SCORE have tried diligently to control their riders, in a high-speed race situation, it is nearly impossible to control the behavior and reactions of individual participants," said BLM California

Desert District Manager Gerald Hillier. He added that BLM also has to consider the impacts caused by both crews and spectators, which can be considerable.

"We recognize that we are proposing to end three major historic off-road vehicle events, but our primary concern has to be to conserve the natural resources under our administration. The endangered status of the desert tortoise is causing many changes in the management of public lands, some of which are not popular with our visitors. However, we feel confident we have made the right decision," Haste said.

Traditionally, the Parker 400 course includes a 105-mile loop in California, and two loops of about the same distance in Arizona. The Arizona loop would not be affected by this decision. At least 70 miles of the California loop are in desert tortoise habitat, noted Hillier. A survey located numerous tortoises and tortoise burrows in and adjacent to the course.

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Umpires needed for IWV Youth Baseball games
Training Classes will be held in February
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For more information, call Rick Booth, 375-3309, or John Rolof, 375-5747

Weight Room 20, Participants 10 China Lakers take up the Sports Division's Challenge

Out of more than 30 entries, only 10 beat the Holiday Weight Room Challenge issued by the NWC Sports Division, Morale, Welfare & Recreation Department. From November through Jan. 5, participants had to work out at the NWC Weight Room for a half hour per day for 28 days. The choice of activity was up to the participants.

Those who beat the challenge, and who received a free t-shirt for their efforts, were LCDr. Robert E. Davis, Lt. Larry Moore, RM2 Ervin Pannel, AKAR Julio Estrada, AZ2 Earl Jackson, AQ2 Chet Knop-snyder, AZAA Eric Williams, AE3 Calvin Martin, ATC Fred Sawyer and Dave Stoessel.
Congratulations to all who beat the challenge!

Don't miss Super Bowl action at NWC

Super Bowl action will take place at the Officers' Club Barefoot Bar and the Chief Petty Officers' and Enlisted lounges on Sunday, Jan. 28. Play begins at 12:30 p.m. and will end 30 minutes after the game.

Have fun, enjoy an all-you-can-eat buffet and watch the game on a large-screen TV for only \$5 per person. Beverage specials will be available.
Don't miss out on a great time!

Only two days available to register for marksmanship, safety school

Tuesday, Jan. 23, is the last day to register for the Beginners' Rifle Marksmanship and General Firearms Safety School to be conducted by the Sierra Desert Gun Club of Ridgecrest. The class is, however, limited to 31 students. Sign ups are scheduled for Saturday, Jan. 20 from 9 a.m. to 1 p.m. and on Tuesday, Jan. 23, from 7 to 9 p.m. in the lobby of the Kern County Sheriff's Station across the street from the Post Office.

The first class of the 9-week course is scheduled for Sunday, Jan. 28.
Classes will be held each Sunday afternoon from 1 to 4:30 p.m. at the club's rifle range and clubhouse facilities located on the

Naval Weapons Center. The school is open to all Indian Wells Valley and adjoining areas' residents over the age of 12 years.

This basic rifle marksmanship school will include approximately 15 hours of rifle range shooting activities and 12 1/2 hours of classroom instruction and field demonstrations. All instructional materials, including targets, ammunition and .22 caliber target rifles will be furnished by the Sierra Desert Gun Club.

A fee of \$35 per student will be collected at the time of registration. This fee covers the costs of materials used during the course.

The Sierra Desert Gun Club conducts this class with the support and sponsorship of the Director of Civilian Marksmanship (DCM), U.S. Army. All club activities are open to the public without consideration of race, sex, ethnic origin, religion or handicap.

Fly tying class set

Flyfishing enthusiasts wishing to try their hand at tying their own flies will have the chance at a class starting Tuesday, Jan. 23.

The Aguabonita Flyfishers are conducting this 12 session course. An overview will be provided at the first meeting, followed by sessions on the basics of tying, and utilizing fly patterns that are proven fish foolers.

Tying tools will be available at no charge. Tying materials will be available for purchase.

For further information call 375-5810.

PROFESSIONAL OFFICE FOR LEASE

UNDER CONSTRUCTION! Will be complete in October. Professional offices on N. Downs and W. Drummond. 1390 and 1966 sq. ft. suites available. \$.95 per sq. ft. Ask for Bernie.

IDEAL SITUATION for retail display, storage and office. A whopping 1600 to 8100 sq. ft. available as low as .40 per sq. ft. Ask for Jack Butler.

AIRPORT COMMERCIAL INDUSTRIAL LAND FOR LEASE near China Lake Naval Weapons Center. Ask for Jack Lyons. Coldwell Banker Best Realty, Ridgecrest. (619) 375-3855.

OFFERS LOTS OF FLEXIBILITY in set-up for tenant requirements. Glass store front for office/warehouse, 2000 sq. ft. unit off S. China Lake Blvd. Call Jack Butler. \$950 mo.

TOP LOCATION on North Norma. Very nice 1300 sq. ft. building suitable for commercial or professional office use. \$850 mo. Ask for Jack Butler.

ZONED RETAIL with carpet and partition for office use. Only 3 years old with loads of parking. 1400 sq. ft. at \$835 mo. Call Jack Butler.

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What does the seal mean?

Almost every military unit and DoD component displays an item that traces its history to ancient Mesopotamia 6,000 years ago. People scurry past it in auditoriums, commanders' offices and public meeting rooms with only a vague awareness of its significance. Chances are good, however, that it will outlast many of these same organizations.

Those unable to identify the mystery article as the DoD seal probably have lots of company. Seals have never attracted the public's interest as much as another symbol -- the flag. If personal preference falls to "Old Glory," the DoD seal need not blush in recounting a lineage that dates to the rise of civilization itself.

Historians of heraldry who specialize in seals, known as sigillographers, have detailed their development. Important documents printed on clay tablets or papyrus scrolls in Egypt came to bear the imprint of seals. They attained their peak of popularity in medieval times, when they were used for daily commercial purposes such as securing jars, baskets and bales. Seals no longer play the important role they once served in daily life. Their popularity declined with the advent of printing and especially after the early 19th century as more and more people began signing documents.

Use of seals for official matters of state has never diminished, however. Seals were important enough to America's Founding Fathers that they commissioned Benjamin Franklin, John Adams and Thomas Jefferson "to bring in a device for a seal for the United States of America." Efforts by these men and those of two succeeding committees resulted in the present-day form of the Great Seal of the United States. This seal was the pattern for succeeding military service and DoD seals.

The DoD seal and the Great Seal share many components: an eagle; arrows; the red, white and blue shield; stars; and olive branch. The eagle on the DoD seal appears on all service seals except one. The Army preferred to highlight the Liberty Bell and surrounded it with cannons and flags.

Most people correctly identify the major elements of the DoD seal: the bald eagle. Long considered by the nation as a symbol of strength, the eagle looks to its right, indicating the field of honor. Its wings are horizontal. Grasped in its talons are three crossed arrows, symbolic of the three departments within DoD. The eagle's breast bears a shield whose upper one-third is blue set against the bottom two-thirds of alternating white and red stripes.



The section of blue represents the Congress; the stripes stand for the 13 original states, hence the nation that the eagle defends.

Above the eagle is an arc of 13 stars with alternating rays that signify glory. Below the eagle, a wreath of laurel signifying honors received in combat extends to the right and a wreath of olive -- peace -- extends to the left. On an encircling band are the inscriptions "Department of Defense" and "United States of America."

Seals: Are they relics of bygone eras or timeless symbols of enduring qualities?

If the yardstick by which one measures success is time, the answer to that question is no mystery.

American Forces Information Service



NEW SPECIALISTS--RM1 (AW) Jeffrey Smith and RM1 (AW) Ruth L. Bowsby received their Enlisted Aviation Warfare Specialist wings from Capt. Robert Dropp, commanding officer, enlisted personnel, during recent award ceremonies conducted at NWC. Command Master Chief F.V. Jones assisted in the presentations. Photo by PHAA Cary Brady

Turnkey Office Furnishings, Inc.

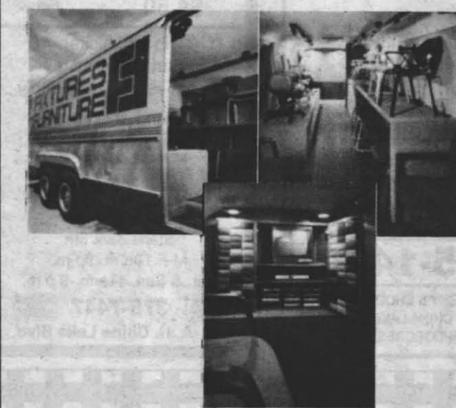
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Date: January 24, 1990

Time: 7:30 a.m. through 11:00 a.m.



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- Utilize Floor Space
- Improve Working Conditions

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FREE Upgrade this week

Computer Store
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DINE OUT

With These Restaurants in the Indian Wells Valley

Advertise your Restaurant, Cafe or Nite Spot in the Rocketeer.

Run this ad for \$14 every week.

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All You Can Eat \$10.95

Members and Invited Guests

Stillwater Band 8:00 p.m.

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2600 S. China Lake Blvd. (619) 375-1080

Students display new skills during skating show

Skaters in the NWC Youth Center skating classes, ranging in age from five to 12 years of age, recently showed Ridgecrest their new talents during a "Rollershow" and on the local television channel, Channel 3. Solos were performed by Heather Dangel, Kati Robertson, Jaime Hansen and Annette Spencer. Audiences were also treated to two group numbers of twelve skaters skating to Thriller and Electric Youth.

According to Spencer, class instructor, the sport of roller skating is gathering more momentum as additional children and adults alike find the versatility and variety of skating disciplines available in Ridgecrest. "In fact," she said, "roller skating is now an Olympic sport and will be included in the 1992 Olympic Games for the first time in sports history."

Children participating in the recent shows were Heather Dangel, Kati Robertson, Jaime Hansen, Carol Paul, Lexie Hill, Stephen Dangel, Johnathan Mayberry, Tiffany Pyke,

Tiffany Ross, Lillian Engels, Tim Little and Sarah Gardiner.

The next group classes offered at the NWC Youth Center are now forming. They will be held on Sundays from Jan. 28 through Feb. 25. The levels being offered are as follows:

- Beginning Level (5-14 years) -- 10 to 11 a.m.
- Intermediate Level (5-14 years) -- 12 noon to 1 p.m.
- Advanced Level (all ages) -- 6 to 7 p.m.
- Adults (all levels) -- 7 to 8 p.m.

Fees are \$23 to \$28 dollars for military personnel and their dependents, \$27 to \$28 for DoD personnel and \$29 for all others.

Spencer has been teaching professionally since 1985 and is nationally certified by the Society of Roller Skating Teachers of America (SRSTA).

For more information about these classes, call the Youth Center at NWC ext. 2909 or Spencer at 446-7317.



LET THE FUN TIMES ROLL—Members of the NWC Youth Center skating classes show their audience some of the new skills they learned from their recent studies. New classes are now forming for all levels and all ages. They will be given on Sundays from Jan. 28 through Feb. 25. Cost ranges from \$23 to \$29.

Spring soccer plans forging ahead -- registration begins in just two weeks

Plans are already in gear for Spring Soccer '90. Regular sign-ups will be taken Monday through Friday from 9 a.m. to 4 p.m. at the Youth Center. Military personnel should register their dependents from Jan. 29 through Feb. 2. All others should register from Feb. 5 through Feb. 16.

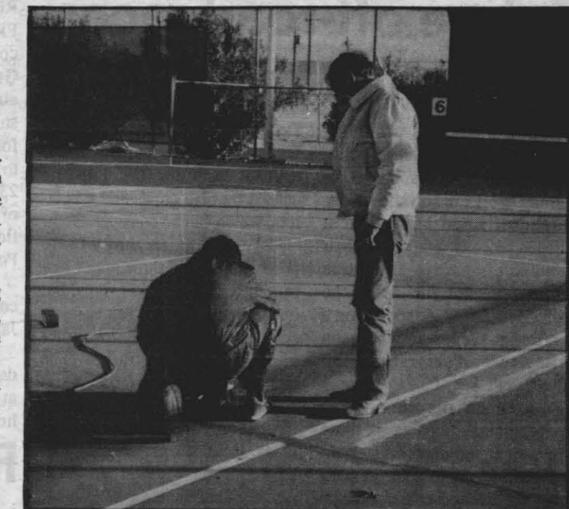
The following are the 1990 Spring Soccer fees:

- E1-E3 -- 1st child \$18; 2nd child \$16.
- E4-E6 -- 1st child \$19; 2nd child \$17.
- E7-E9 -- 1st child \$20; 2nd child \$18.
- 01-03 -- 1st child \$21; 2nd child \$19.
- 04-05 -- 1st child \$22; 2nd child \$20.
- DoD -- 1st child \$23; 2nd child \$21.
- 06 & above, department heads -- 1st child \$24; 2nd child \$22.
- Other -- 1st child \$25; 2nd child \$23.

Evaluations will be held Mar. 12 through Mar. 15. Games begin Apr. 7 and will run through June 9. Games will not be played during Easter or Memorial Day weekends.

A coach & volunteer meeting is scheduled for Sunday, Apr. 1, from 12:30 to 2:30 p.m. at the Youth Center.

For more information about Spring Soccer '90, call NWC ext. 2909.



BYE BYE CRACKS -- Contractor employees began filling in cracks and repairing bumps on the Naval Weapons Center tennis courts (located on King Avenue) earlier this week. Morale, Welfare and Recreation asks the users of the tennis courts to please be patient while they are being repaired. Final painting should be completed by the end of January. These repairs should cause a noticeable improvement to this popular NWC facility. If more information is needed, please call the MWR office at NWC ext. 3387.

Military needed for sporting events

Morale, Welfare & Recreation has announced a variety of Southern Pacific Sports Events open to military personnel who have been on active duty for more than 90 days. For more information on any of the following events or for registration forms, call Michelle Martin, gym manager, at the Sports Branch, NWC ext. 6542.

- Darts** -- Naval Station San Diego, Saturday, March 17, Admiral Robinson Bowling Center, Bldg. 3223. Entries should be submitted to Commander, Code N4, Naval Base San Diego, CA 92132-5100 no later than March 15.
- Bowling '90** -- Naval Station Long Beach, Feb. 24-25 and March 3-4.
- Men and Women Open/Senior Racquetball Championships '90** -- Naval Station San Diego, March 12-16. To be eligible for the senior division, participants must have reached their 35th birthday prior to March 12, 1990.
- Soccer Leagues '90** -- Host, Naval Station San Diego. Com-

petition begins late February. One or two games will be scheduled each week in the late afternoon or evening and possibly on Saturday, if warranted. Entries should be submitted to Commander, Code N4, Naval Base San Diego, CA 92132-5100 no later than Feb. 2.

- Volleyball Leagues '90** -- Host, Naval Station San Diego. Entries should be submitted to Commander, Code N4, Naval Base San Diego, CA 92132-5100 no later than Jan. 26.

New snow improves skiing conditions at local resorts

Shirley Meadows, located in the Greenhorn Mountains between Lake Isabella and Bakersfield, will open for skiing this weekend. The popular resort has two feet of freshly fallen snow on top of an eight inch base. Eleven inches of new snow fell at Mammoth and nine inches fell on June Mountain.



Cloisters

Licensed Residential Board & Care Home

Nursing For The Elderly

Private Room Available

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MWR continues fun Saturday matinees for kids of all ages

Following are a list of upcoming Youth Center matinees. The matinees, which begin at 2 p.m., are held at the Center Theatre. Children 6 and under are admitted for free, while children 7 to 12 are \$1 and those 13 and above are \$2.

- Jan. 20 - The Chipmunk Adventure (G)
- Jan. 27 - Pinocchio and the Emperor of the Night (G)
- Feb. 3 - Song of the South (G)
- Feb. 10 - Great Mouse Detective (G)
- Feb. 17 - The Fox and the Hound (G)
- Feb. 24 - An American Tail (G)
- Mar. 3 - Dot and the Whale (G)
- Mar. 10 - Winnie the Pooh (G)
- Mar. 17 - Lady and the Tramp (G)
- Mar. 24 - Gobots: Battle of the Rock Lords (G)
- Mar. 31 - Willow (G)

HP product fair planned

Tuesday and Wednesday of next week a product fair at the Carriage Inn will feature Hewlett Packard and Apollo computer products.

From 8 a.m. to 4 p.m. both days, representatives from those companies and various others will provide presentations, demos and training in graphics, simulation, and animation; electrical design automation; computer-aided software environment; electronic publishing; databases; and mechanical computer aided design.

For further information, or to run a computer benchmark, please contact fair coordinator Tim Reis at 375-3339.

Navy provides tips on dependent care

Following are several tips so active-duty families can get the most use out of the uniformed services' Active Duty Dependents Dental Plan.

1. *Make sure your family's listings in the DEERS computerized data banks are current.* DEERS is the Defense Enrollment Eligibility Reporting System. If your eligible family members are not listed in the DEERS files, they can't get benefits under the Active Duty Dependents Dental Plan -- even if you enrolled them.



2. *Don't let those ID card's expire.* In order for your family members to continuously be enrolled in the dental plan and to have their dental claims paid, it is important that their military ID cards be kept current and not be allowed to expire. An expired ID card means loss of dental plan eligibility (and CHAMPUS eligibility as well). Any claims submitted during a period of ineligibility will not be paid.

3. *If you already have family members enrolled in the Active Duty Dependents Dental Plan and are paying the family premium, and you sign up another family member, wait a while before letting him or her seek care.*

When you enroll a dependent in the plan, his or her eligibility for benefits starts on the first day of the month following the month in which you register him or her. This is true even if you already have family members enrolled and want to add a newly acquired dependent (through adoption, marriage, etc.) to the list.

If you're adding a dependent to the list along with one or more others who are already enrolled, the others may go on using the plan as before.

CLOTA sets annual banquet

On Saturday, Jan. 27, the Community Light Opera and Theatre Association (CLOTA) will host its annual awards banquet.

This year's banquet, which will be held at the Carriage Inn, will honor those who performed during the association's Silver Anniversary Year, 1989. A social hour will begin at 6 p.m., followed by a buffet dinner at 6:30 p.m.

Tickets for the banquet are \$17.50 (including dinner, dessert, coffee/tea, tax and tip), and will be on sale at the Art Buffet, Farris' Italian Gardens.

The Music Man and Ridgecrest Cleaners. People wishing to attend should buy tickets early, as seating is limited. Advance purchase of tickets is required. Wednesday, Jan. 24, is the last day tickets will be on sale.

January SUPER SALE

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All Bookcases on Sale

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\$199

Bookcases Drastically Reduced

Large Entertainment Unit on Coasters with Video Tape Storage

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\$469

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Layaways Available on Sale Items too!

T.V. Sets, Books, Decorations not included

Light and Day Shades available

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Elegant to Casual Dining and Entertainment in Indian Wells Valley

Autumn in Sandpipers

Twilight Dinner Special

Prime Rib and Shrimp

\$9⁹⁵

Tender, juicy Prime Ribs and succulent Shrimp Scampi with all the fixin's.

Served 5-7 PM daily

Carriage Inn Call 446-7910 for reservations

10 A.M. to 2 A.M. **DOUBLE SALOON** 7 Days A Week

ROCKIN' COUNTRY MUSIC with Live Music & Large Dance Floor

No Cover Charge

Happy Hour with Food & Drinks Monday - Friday 4 p.m. - 7 p.m.

Card Room Now Open 1 p.m. - 2 a.m. Texas Hold'em & Low Ball

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American Legion, Post 684

Members & Invested Guests

Lunches - Monday-Friday 11 a.m. - 1 p.m.

All Daily Specials \$2.75

1/12 Friday	Shrimp Basket
1/15 Monday	Holiday Closed
1/16 Tuesday	Salisbury Steak
1/17 Wednesday	Chef's Surprise
1/18 Thursday	Lasagna
1/19 Friday	Fish & Chips
1/22 Monday	Meatloaf
1/23 Tuesday	Steak Sandwich
1/24 Wednesday	Chef's Surprise
1/25 Thursday	Baked Ham
1/26 Friday	Shrimp Basket/Clam Chowder
1/29 Monday	Beef Tips and Noodles
1/30 Tuesday	Baked Chicken
1/31 Wednesday	Chef's Surprise

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- Deep Fried Sole
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A NO FRILLS WILSON-MADDOCK PRODUCTION "TREMORS" KEVIN BACON
FRED WARD • FINN CARTER • MICHAEL CROSS AND REBA MCENTIRE
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SCREENPLAY BY ALEXANDER GRUSZYSKI
CASTING BY CINDY MCGENT
EDITED BY GALE ANNEHLRD
MUSIC BY S.S. WILSON • BRENT MADDOCK & RON UNDERWOOD
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MPAA: PG-13 PARENTS STRONGLY CAUTIONED
A UNIVERSAL RELEASE

OPENS JANUARY 19 AT THEATRES EVERYWHERE

Seafarer Club now offers variety of 'Early Bird' dinner specials

While nightly specials will no longer be available at the Seafarer Club, a variety of Early Bird Specials will be offered. From 4:30 to 5 p.m., patrons of the Seafarer Club can order from a number of dishes at a discounted price. After 5 p.m., diners will be asked to order from the regular menu.

California requires proof of insurance to take driving tests

People who need to take a driving test to get their California driver's license must bring proof of insurance for the vehicle they will be driving. Effective immediately, applicants won't be tested unless they have that proof with them. According to DMV Director Del Pierce, evidence of financial responsibility can be shown with the original or a copy of a motor vehicle liability insurance policy or card. DMV will also accept a Certificate of Self-Insurance or a Certificate of Deposit issued by the department. In addition, the insurance policy number and company name may be written on the vehicle registration or on another piece of paper. Pierce advises, however, that any information provided by motorists is subject to verification.

THE MIDAS CHALLENGE

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<h3 style="text-align: center;">BRAKES</h3> <h2 style="text-align: center;">\$69⁰⁰*</h2> <p style="font-size: 0.8em;">PER AXLE MANY CARS AND LIGHT TRUCKS</p> <ul style="list-style-type: none"> • New guaranteed brake shoes or pads (semi-metallic pads extra) • Resurface drums or rotors • Replace grease seals as needed • Repack wheel bearings, except sealed units • Inspect hydraulic system • Top off brake fluid as needed • Road test • See guarantee terms in shop <p style="font-size: 0.8em;">FREE BRAKE INSPECTION MOST CARS AND LIGHT TRUCKS</p> <p style="font-size: 0.8em;">Offer good with coupon only through participating Midas dealers.</p>	<h3 style="text-align: center;">LUBE, OIL, FILTER</h3> <h2 style="text-align: center;">\$18⁹⁵*</h2> <ul style="list-style-type: none"> • Up to 5 quarts Castrol 20.50 • New oil filters • Lube chassis fittings • Most cars and light trucks. <p style="font-size: 0.8em;">Offer good with coupon only through participating Midas dealers.</p>
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