Page Eight



BUCKLE UP FOR SAFETY - Capt. K. A. Dickerson, NWC Commander, lends his support to the children's car safety seat loan program by helping AK2 Kenneth Teeter buckle his 17-month-old son Kenny into one of the seats the Teeter family has rented from the Children's Center. Non-military families can call on the High Desert Junior Women's Club if they wish to rent a car safety seat for use before purchasing one of their own.

# Children's Center has car safety seats to loan military personnel

Learning to be safety-conscious is a trait that can't be picked up too early in life.

That's the firm conviction of AK2 Kenneth Teeter and his wife, Joan, who make sure that their infant son, Kenny, is protected by a crash-tested car seat on loan from the Children's Center whenever the family is going anywhere in a car.

Not only is it mandatory to do this, but it also makes good sense, since statistics show that auto accidents are the No. 1 cause of fatalities or crippling injuries to those from birth up through 37 years of age.

Research also has shown that 85 percent of the deaths and about 66 percent of the injuries could have been prevented if vehicle drivers had "immunized" themselves and their passengers by using seat belts and also buckling up tiny tots in crash-tested safety seats.

The NWC Safety Office has taken an active role in emphasizing vehicle safety for both children and adults, and also has helped to get the car safety seat loaner programs moving by making such safety devices available to the children of military

The ball has been picked up by the Children's Center at China Lake and by the High Desert Junior Women's Club, both of whom have car safety seats for children that can be borrowed by local area residents. There is a rental charge of \$1 per month for car safety seats, as well as a small deposit that is returned when the seat is brought back in good condition.

California law requires that children under four years of age, or who weigh less than 40 lb., must be secured in a crashtested safety seat. In addition, drivers must make sure, as well, that all young children (no matter what their age) are restrained either by a seat belt or car safety seat while riding as passengers in a motor vehicle.

On board the Naval Weapons Center, all motorists and their passengers must have their seat belts fastened while traveling around the base. This requirement was initiated in a move aimed in getting all NWC

### Metal Trades Council

1200

on Thursday, March 1, at 4:30 p.m. at 520 E. Invokern Rd.

ROCKETEER

## Tryouts slated for China lake Players' production 'Rainmaker'

Tryouts for "The Rainmaker," a romantic comedy that will be the first production for the China Lake Players this year, will be held on Tuesday, Wednesday, and Thursday, Feb. 28, 29, and March 1. from 6:30 to 9:30 p.m. at the Playhouse, corner of Lauritsen Road and Blandy Avenue.

The production will be presented on April 13, 14, 20, 21, 27, and 28.

Karen Buehler, director of the play, says that tryouts are open to anyone, and that those who wish to try out should plan to be present during at least two evenings of the tryouts if they can. The roles that need to be filled include

Lizzie, a young woman in her late 20s who is seeking a husband, her father, and her two brothers who are trying to help her find a husband

Also in the cast are a disillusioned deputy sheriff, who is unable to express his feelings for Lizzie, and his friend, the sheriff.

And, of course, there is a fast-talking rainmaker, who arrives in the droughtstricken southwestern town and promises to bring rain for only \$100.

## Navy Exchange plans special sales events Feb. 29 to March 3

The Navy Exchange invites customers to take advantage of special sales from Feb. 29 to March 3.

A "Shape Up for Summer" sale will feature merchandise in sporting goods, clothing and miscellaneous items.

The Garden Shop will promote selected items for spring clean up, and fishermen can stock up on fishing gear at discount prices during the Fish-o-Rama sale.

In addition, fishing licenses are available at the personalized Service Center counter in the main store.

A new taste treat awaits patrons of the NEX Snack Bars. Chicken golden nuggets may be purchased at the Bennington Plaza, Bowling Alley, Aerodome, Salt Wells, and Michelson Laboratory Snack Bars. In addition, there will be new monthly special prices on selected items, beginning March 1.

# Soviet Emigre Orchestra to present concert Monday

The Center theater will be the setting on Monday at 7:30 p.m. for a performance by the Soviet Emigre Orchestra, under the leadership of Lazar Gosman, as music

personnel and their dependents into the

Anyone with questions about traffic safety

at China Lake can contact the Safety Office

To inquire about renting a car safety seat,

military families should call Polly Ferraro

at the Children's Center, NWC ext. 2735,

while others can contact the High Desert

Junior Women's Club by phoning Janet

habit of using automobile seat belts.

by calling NWC ext. 2367.

Tomkins at 377-4061.

Featured during this, the fourth program in the Indian Wells Valley Concert Association's 1983-84 series, will be the Soviet Emigre Orchestra's renditions of Mozart's Serenade in G Minor ("Eine Kleine Nachtmusik''), works by Tchaikovsky, and "Sinfonietta" by Shostakovich, subtitled "in memory of victims of fascism and war."

Single event tickets for this performance are priced at \$7 for general admission, or \$5 for persons under 21 or over 65 years of age, as well as full-time enlisted military personnel.

A limited number of tickets will be on sale in advance at the Music Man or Medical Arts Pharmacy in Ridgecrest, or at the Maturango Museum on the Naval Weapons Center. In addition, the theater box office will be open at 4:45 p.m. on Monday to handle any tickets that remain to be sold.

Some mid-season memberships in the Indian Wells Valley Concert Association, which provide substantial savings for the remaining concerts this season, also are available. Information about IWVCA memberships can be obtained by calling 375-5600.

The Soviet Emigre Orchestra is composed of talented musicians who have emigrated to this country from the Moscow, The Indian Wells Valley Metal Trades Leningrad, and Odessa Philharmonic Or-Council will hold its next monthly meeting chestras, and the Bolshoi Theater, who are joined by some fine American musicians as well.

Gosman, a former music director of the Panama renowned Leningrad Chamber Orchestra, founded the Soviet Emigre Orchestra in was highlighted by critically-acclaimed 1979, and the group embarked on its first tour of the midwest and northwestern parts of the U.S. in the fall of 1981. Its reputation as one of the best chamber orchestras in the the Soviet Emigre Orchestra, will be United States grows stronger with each passing season.



### Lazar Gosman, orchestra director

Vork's Carnegie Hall and also appeared at Lincoln Center's Avery Fisher Hall, and at the Philadelphia Academy of Music.

The following year, the orchestra founded the annual Ticonderoga Festival in upstate New York. During the 1981-82 season, the Soviet Emigre Orchestra appeared with great success throughout the U.S. and Canada and completed its first tour to South America, including performances at Bogota, Columbia, and in Panama City, February 24, 1984



## Housing Div. offers help if tenants wish

to reestablish council If any residents in Center housing, either military or civilian, are interested in reinstating the China Lake Community Council, they will receive administrative support from the Housing Division in doing

When it was active, the organization served as an excellent forum for the interchange of ideas between occupants and management, and also provided channels of communication among the residents.

To become active once more, the organization would require individuals willing to volunteer a few hours of their time each month to plan meetings for all residents and to take care of other necessary functions.

Even though the tenants' group operates as a separate organization rather than receiving direction from Center Command, Dwight Holford, head of the Housing Division in the Public Works Department, has volunteered to serve as a point of contact for those who wish to volunteer to serve as officers or to help reorganize the China Lake Community Council. He can be contacted by calling 3411, ext. 318.

The orchestra's European debut in 1983 concerts in Austria and Switzerland.

"Musical Passage," a film about Gosman and how he came to America and founded released soon. This documentary provides insight into the experience of emigres from During its debut season (1979), the or- Russia as the films follows the orchestra on chestra gave seven performances at New tour through America, at home in New York, and at a triumphant concert Carnegie Hall.

> Gosman, who emigrated to the United States in 1977 from Leningrad where he was on the faculty of the Leningrad Conservatory, in addition to serving as the director of the Leningrad Chamber Orchestra, is now a professor of violin and chamber of music at the State University of New York at Stony Brook.

> He also is the director of the Kammergild Chamber Orchestra of St. Louis, Mo., (a group patterned after his Leningrad Chamber Orchestra), and is an artist-inresidence at Missouri State University. U.S. Government Printing Office: 1984-No. 65

From:	
-	PLACE
	STAMP
To:	

wrote: very proud

matter this way: "As members of the military, our lives and future depend upon the decisions made by our national leadership. By voting, you can help influence those decisions. I urge each of you to vote. It is an important process."



February 24, 1984

Vol. XXXIX, No.

NAVAL WEAPONS CENTER **CHINALAKE** CALIFORNIA

# Military urged to get involved in Gen'l Election

A major effort designed to ensure that all Navy and Marine Corps personnel and their families are assisted in every way possible to obtain absentee ballots and participate in the 1984 General Election is underway Navywide at the urging of Secretary of the Navy John Lehman.

SecNav Lehman points out that since the majority of Navy and Marine Corps personnel serve outside their home state, the only means available to them to vote in Primary and General Elections is by absentee ballot

Calling for an active, Commandsupported Voter Assistance Program, the Secretary of the Navy stated: "We must ensure that each man and women is aware of procedures necessary to obtain and cast a ballot and has every opportunity to exercise the right to vote. The personal involvement of all will be necessary to achieve this end." These same sentiments have been voiced by Admiral James D. Watkins, Chief of Naval Operations, who has been very active in the effort to get Sea Service people to vote. In a mid-January personal letter to flag officers, commanders, commanding officers, and officers-in-charge, the CNO

"We are willing to give our lives to protect the right of free peoples everywhere to vote for their national leadership. Yet our own (Navy) voting record, at not much better than one half the national average, is not something of which any of us should feel

"Let's turn this record around," the CNO urged. "Get involved! See that your program is well-planned and executed!"

Admiral Watkins estimated that the Navy has the possibility of as many as four million votes from active duty personnel, their dependents and other family members.

"If we could get half of these people voting, Congress would begin to regard the Navy as (a group of) constituents and pay more attention to us," the CNO said.

At the Naval Weapons Center, Cdr. G. F. Herbster, head of the Military Administration Department, has been designated the Voting Assistance Program

Capt. K. A. Dickerson, NWC Commander, expressed his views on the

coordinator. He is being assisted by Lt. Dave Feldman, associate head of Code 21. and TMCM J. W. McAllester, Master Chief Petty Officer of the Command.

The three will visit each military division and shop to line up representatives who will be contacting individuals within their work area to ensure that all military personnel are aware of the steps that need to be taken in order to obtain an absentee ballot.

Copies of the Department of Defense Voting Assistance Guide will be in the hands of each Voting Assistant Program representative in the various shops and divisions so that accurate and complete information can be provided regarding Primary and General Election dates and deadlines for the submission of absentee ballots.

Plastic-bonded explosive developed here approved by NAVSEA, ready for Fleet use

ticle acceptance tests held by the Thiokol Corporation, a plastic-bonded explosive (PBXN-107) developed by the Naval Weapons Center has been approved by the Naval Sea Systems Command for service qualification and is ready for Fleet use.

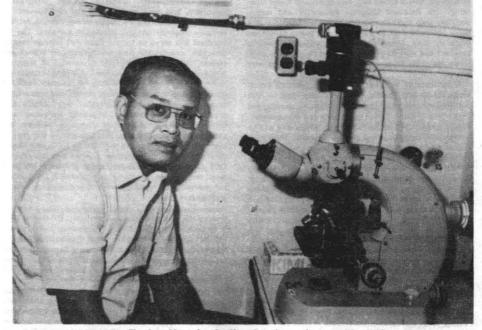
The Thiokol Corporation processed and loaded the explosive in the warhead, and the Naval Weapons Station, Yorktown, Va., signed off the article of acceptance.

The advantages of the new explosive are many: it is relatively insensitive (meaning it will not explode readily until it is supposed. to), it has good thermal properties and remarkably mild behavior on cook-off as a result of exposure to fire, it can be formulated at ambient temperatures without particularly sophisticated equipment or processes, and it still delivers the impact needed when a warhead hits its intended target

The explosive was developed under the sponsorship of the Naval Sea Systems Command and NWC, which fund a fire and temperature resistant explosives program designed to give the Navy maximum operational safety.

The Navy is especially interested in safe explosives because weapons stored aboard a Navy ship can endanger the ship and its crew as a result of fires caused by accident or enemy action.

Initial developer of the new explosive was Barbara Stott, a chemist in the Conventional Weapons Division of the Ordnance Systems Department, who has since left the Center. Dr. Tucker Yee, also a chemist in the Explosives Branch, worked with her for about a year before she left, and has continued the work since.



FINAL LOOK - Dr. Tucker Yee checks the structure of a new plastic bonded explosive. This explosive has passed first-article acceptance tests and is on its way to the Fleet.

During the early development stage, a problem was detected with the original explosive formulation. When loaded into projectiles a sporadic swelling could lead to a dimensional instability that would limit the use of the explosive in some types of warheads. The problem has been corrected and the versatility of the explosive greatly increased

To accomplish the improvement, Dr. Yee studied the explosive to identify and then verify the source of the problem. Through literature search and meticulous experimentation Dr. Yee was able to alter the chemical composition of the formulation

and eliminate the swelling without degrading the effectiveness of the explosive. Finding the cause, he says, was the most difficult task because all the ingredients had to be examined carefully, a list of possible causes compiled, and then each of these eliminated in turn.

The pilot plant stages of process development were handled by the Naval Weapons Station at Yorktown. Dr. Yee feels that the outstanding contribution of NWS Yorktown is demonstrated by the excellence of the production package that enabled the first article acceptance tests to succeed on (Continued on Page 3)

# Public concerns regarding proposed Navy land acquisition aired at meeting arranged by BLM

in an Environmental Assessment of the ef-Wash range were the focus of a scoping meeting held on Feb. 16 by the Bureau of Land Management (BLM).

The meeting was held in the Com room at the BLM office and more than 30 people were expected to attend.

Additional land is required by the Naval Weapons Center to ensure the security of a test site located in the west central area of the Randsburg Wash Test Range. The location of the test site was chosen because of the topography and to facilitate integration with other antiair warfare threat facilities at Randsburg Wash.

When the site was built, off-road desert use by the public was minimal and posed no threat to either national security or to the physical well-being of desert visitors. Since that time, the nature of air warfare has changed dramatically due to technological advances in both air defense and air warfare systems so that additional space is required for protecting the security of air warfare systems and for public safety. Also, increased numbers of persons are using desert land for recreational and other pur-

On publication of a notice in the Federal Register on Jan. 20, the land was segregated for a period of two years. During that time, an Environmental Assessment must be

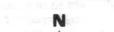
land, and on the basis of this and other fac- period. fect of withdrawing 8,320 acres of desert tors, the decision will be made as to whether land adjoining the Center's Randsburg the land will be removed from administrative control of the Bureau of Land Management and turned over to the Navy.

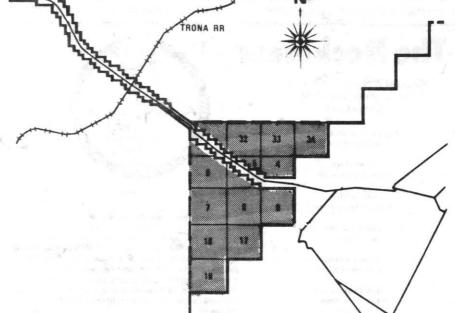
The scoping meeting was held by the BLM will be granted. ine the issues that need to be adand media will be able to review the docu-

Public concerns that need to be addressed prepared of the effect of withdrawing this ment and comment upon it for a 30-day

On the basis of the comments the final Environmental Assessment will be prepared so that a decision can be made about whether the request for withdrawal

After presentations by Bob Boot, head or Room of the Desert Counseling Clinic dressed in the draft Environmental Assess- the Center's Land Withdrawal Office, about because it is larger than the conference ment, which will be prepared by a Navy con- the Center's need for the lands, and Dennis tractor. When this draft is ready, the public Hill, of the BLM, about the process of con-(Continued on Page 3)





The gray area shows land considered for withdrawal!

### Page Two

Announcement No. 26-016, Production Facilitating Clerk GS-303-4/5, PD No. 8126005, Code 2611 - This position is located in the Maintenance Control Division, Public Work Department. The incumbent is responsible for reception maintenance and control of all work requests generated on the Center. The incumbent is also responsible for initial data entry and maintenance of work request information in the on-line Public Works computer system. Maintains work request master file, assists in the training of employees in the use of a remote terminal and develops special report for customers as requested. Job Relevant Criteria: Knowledge of the Public Works maintenance function knowledge of the Public Works work request processing system; ability to deal effectively with others; ability to operate data processing equipment sufficient to perform data entry.

ent No. 26-017, Carpenter Helper, WG-4607-5, JD No. 152, Code 26418 - This position is located in the nce — Utilities Division, Public Works Depart ment. This position has promotion potential to WG-9; however promotion is not guaranteed. The incumben performs duties and tasks requiring progressively more difficult assignments under a training plan leading to qualification for assuming the duties of jou includes fabrication of shelving, hanging sash and doors, installation of hardware, laying flooring, installing cellings, constructing concrete forms, repairs to existing structures, new framing and insulation, and finish trimming. Job Relevant Criteria: Reliability and depen dability; shop aptitude; ability to follow directions in a shop; ability to work as a member of a team; safety and dexterity. Note: Supplemental qualifications statement is required and may be picked up at the receptionist desk, Room 100 of the Personnel Building. Status eligibles may apply.

Anne cement No. 08-011, General Accounting Su visor, GS-503-8/9, PD No. 8408006N, Code 08605 - This position is located in the Disbursing Office, Accounting and Disbursing Division, Office of Finance and Manag The incumbent will be the Disbursing officer and will be responsible for disbursing civilian payrolls, travel advances and claims, and public vouchers; receiving and ositing collections; consolidating financial returns; and is fully accountable for all funds used. The Disbursing Officer is held personally and pecuniarily accountable for his/her disbursing acts and for the legal expenditure of the funds placed under his/her control. Job Relevant Criteria: Knowledge of Navy accounting principles, civilian payroll and travel procedures, collection and disbursing procedures, Treasury Department regulations, and the Navy Finance System; ability to plan, adjust to changing assignments and deadlines, direct and supervise the disbursing program; ability to interface and communicate effectively with Center travelers and other personnel. Promotion potential to GS-10.

Announcement No. 31-013, Supervisory General/Electronics/Electrical Engineer/Computer Scientist/Physicist, DP-801/850/855/1310/1550-3/4, Code 3111 -This position is that of branch head, A-4/AV-8B Facility Branch, Avionics Facilities Divsion, Aircraft Weapons

ROCKETEER

# **Promotional opportunities**

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept. 505 Blandy. Unless otherwide specified at an ad, applications for positions listed in this column will be accepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 1:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Advertising positions in the Promotional Opportunities column does not preclude the use of alternative recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum qualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook-C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental gualifications requirement that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in grad and qualifications requirements by the closing date of the ad. The Naval Weapons Center is an Equal Opportunity Employer: selections are made without discrimination for any nonmerit reaso

Integration Department. The branch develops, maintains and operates simulation/integration facilities to support the A-4/AV-8B Weapon System Support Facility (WSSF) in the role of technical assistance, requirements definition, system development, weapons system integration validation, and fleet support. Facility development includes system architecture, hardware engineering, facility software engineering, and simulation software. The incumbent will serve as branch head and provide overall direction, coordination and management of branch activities. Job Relevant Criteria: Knowledge of Weapons Systems Support Activities (WSSAs) mission requirements; an understanding of avionic facilities hardware and software analysis, design, and operations; nce in embedded computer applications and productivity enhancements, including hardware and software tools; knowledge of computer systems architecture and applications. It is imperative that the incumbent have a basic committment to EEO, and an understanding of NWC personnel policies and procedures. Only current DP-3 and 4s may apply. If filled at the DP-3 level, this position has promotion potential to DP-4, but is not guaranteed. Previous applicants are being considered and need not reapply.

Announcement No. 39-008, Interdisciplinary (Elec-ronics/Mechanical Engineer, Physicist), DP-855-830-1310-3, PAC No. 8439517, Code 3945 — This position is that of head of the Systems Integration and Evaluation Branch, Electro-Optics Division of the Weapons Department. The incumbent is responsible for administrative and personnel management, technical supervision, supervision of branch projects and serves as a point of contact for all integration and evaluation work within the branch. Work includes program planning, test planning, aircraft integration, data analysis, documentation of test results and liaison with nent Program offices and contractor personnel in support of air launched missile development. Job Relevant Criteria: General knowledge of aircraft and missile systems to supervise and perform integration and evaluation of existing and proposed missile systems with fleet aircraft; ability to plan, schedule and coordinate workload of the branch; ability to interface and coordinate with program offices; knowledge of test methodology and checkout procedures; ability to prepare test plans, analyze data and prepare test reports; ability to follow safe procedures and willingness and ability to support the EEO

ouncement No. 25-038, Purchasing Agent, GS-1105-4/5/6, PD Nos. 7325025N, 8025019N, 8025018N, Code 2522 -This position is located in the Small Purchase Branch of the Contract Division, Supply Department. The incumbent is responsible for providing the entire range of small purchase support to a customer assignment. This includes procuring standard commercial items as well as specialized equipment, material and services. Purchase are made both within the local market area and throughout the United States. The incumbent reviews the purchase description, determines its adequacy, and selects the appropriate method of purchase. The incubent will be using a state-of-the-art On-line Automated Supply in formation Systems (OASIS) to accomplish these tasks. Job Relevant Criteria: Knowledge of business procedures, ability to deal effectively with personnel at many levels. ability to work without close supervision; potential to use a computer terminal and management information systems notion potential is to the GS-7, but is not guaranteed. Status eligibles may apply

ncement No. 00-003, Energetic Materials Program Coordinator (Chemist, Chemical Engineer, Physical Scientist, Mechanical Engineer, General Engineer Physicist, DP-3/4, Code 03 - The incumbent will in plement a new function in the Office of the Laboratory Director for the purpose of achieving Center-wide planning and integration of energetic material (high explosives a

Deadline nears for long-term training requests

Just a few more working days (until next Friday, March 2) remain for Naval Weapons Center employees who are interested in long-term graduate and undergraduate level training for 1984-85 to submit their completed application forms to the Naval Science Assistance Program/Naval Scientist Training and Exchange Program Office, Code 01A2 (Rm. 20102), Michelson Laboratory.

This is training that will require absence from the Center for a period of 120 consecutive days or longer. Only individuals who have been employed for NWC for three years at the time their studies begin are eligible for long-term training.

Requests that meet any of the following objectives will be considered:

(1) To update an employee's knowledge where there has been an appreciable lapse of time since the initial academic preparation for employment and subsequent inservice training.

(2) To provide a technically oriented employee with tools of management when

(3) To expand an employee's knowledge they pertain to the mission of the Center.

(4) To acquire knowledge of some aspects of another occupation as they relate to an employee's present occupation where responsibilities tend to be interdisciplinary or multidisciplinary in nature.

(5) To provide for educational opportunities stressing motivational and human relations factors that contribute to effective technical and managerial competence.

Both graduate and undergraduate programs are supported by NWC. The Corporate Planning Board (CPB) will consider applications in any area of study that relates directly to NWC program requirements. The primary criteria the CPB follows in determining when long-term training is used in lieu of after-hours, parttime, or short-term programs are as follows

(1) The new knowledge and skills required of the employee, either in present or planned career assignments, necessitates a a department endorsement (either positive comprehensive, concentrated program of study

and knowledge is such that an acskills

(3) It is determined that the academic superiority of the institution selected is such that it is clearly in the best interest of the government that the employee attend the

academic program in the local or communi-

3354, 3355

ty area for part-time or after-hours training. Navy Civilian Personnel Command funds are available to cover the trainee's travel allowances to and from the school, tuition and fees required for enrollment, and pay-

ment for moving his or her immediate family and household goods to the school and back to the Center. NWC will be responsible for the trainee's salary.

Requests for extensions for fellowships that have previously been approved will be considered by the Long Term Training Committee. All personnel should include in their extension request a record of the grades received to date, future planned courses both during the approved period and the period requested in the extension. An alternative course of action (LWOP, on-Center work, reapplying at a later date) should be provided in the event that the extension is not approved. All extension requests require or negative) in order to be considered by the Long Term Training Committee.

The following areas of critical need have been established by Center management. duty. SH1 Elliott, who is the cash collection Particular interest this year exists in the agent for the Commissary Store, currently areas of RF technology and computer software engineering.

Other critical areas are: computer science (in a specialization other than that offered at NWC); electrical engineering (particularly software, facilities, electronic design, semi-conductors, systems); mechanical engineering (analytical mechanics); aeronautical engineering; chemical engineering; chemistry; physics (particularly microwave, optical science, semi-conductors); applied mathematics; and economics/financial analysis/cost accounting with ADP background.

Further details of the long-term training program are provided in NAVWPNCEN IN-ST 12410.5K of Jan. 31, 1979, and in the Long-Term Training Handbook. Both sources are available from department offices or from the Training Center.

The long-term training application process has been streamlined since issuance of the handbook, so applicants are advised to contact Code 01A2 (NWC ext. 4793) for application forms.

Counseling regarding the various programs and on applications is available from Code 01A2. For additional help or information, contact Len Gulick by calling NWC ext. 3793.

### February 24, 1984

propellants) programs. Incumbent will coordinate all RDT & E activities associated with energetic materials with the assistance of a steering committee comprised of the heads of the Ordnance Systems Department, the Fuze Depart ment, the Research Department and the Range Department. Incumbent is responsible for developing and then implementing a Center-wide plan for energetic materials RDT & E. Tasks include identification of requirements and deficiencies at NWC, identification of memorandums of ur derstanding with other Navy laboratories, and coo unation of Center discretionary funds (IR, IED, B & P, and MSI) dealing with energetic materials. incumbent will coordinate NWC interaction with headquarters, other laboratories, and other services to ensure the Center's overall program and intent is clearly articulated. Job Relevant Criteria: Ability to communicate well both orally and in writing; experience in presentation and preparation of formal briefings; ability to interface effectively with all levels of personnel both on and off Center; knowledge of energetic materials programs; knowledge of technology base/discretionary funds management (IR, IED, B & P & MSI). Only current DP-3s and 4s may apply. If filled at the DP-3 level, this position has potential to DP-4 but promotion is not guaranteed. Final selection of DP-3 for promotion to DP-4 must be approved by NWC nanagement. Previous applicants are being considered and need not reapply. Additional information regarding this position may be obtained from Code 032.

uncement No. 36-102, Interdisciplinary (Industrial, Mechanical, or Electronics Engineer), DP-830/855/896-1/2, PAC No. 8436583E, Code 3622 — This position is located in Systems Electronics Branch, Systems Engineering Division, Engineering Department. The incumbent will review drawings and specifications to determine productibility of mechanical, electrical, and optical devices. In performance of engineering support production design changes are reviewed and changes in operational procedures incorporated to elim system/equipment deficiencies. Job Relevant Criteria: Knowledge of electronic design principles, serve mechanisms, and manufacturing techniques: ability to review drawings and specifications and determine how change will affect productibility; ability to interface and municate effectively with personnel at comparable levels in Government and private industry. Promotio potential to DP-3. This is a readvertisement, and previous applicants need not reapply

Announcement No. C-62-17, Ordnance Equipment Mechanic Foreman, WS-6641-9, Code 62232 - This position s located in the Operations Support Section, Ground Operations Branch, Range Operations Division of the Range Department. The incumbent will serve as a working supervisor involved in the assembly, disassembly modification, adjustment, repair, servicing and operations of specialized ordnance equipment and explosive ordnance involved in the testing of rockets, guided missiles, projectiles and high explosives. The incumbent plans work



TO SERVE 4 MORE YRS. - During a reenlistment ceremony held recently at the American Legion Hall in Ridgecrest, John Elliott, a ships serviceman 1st class, signed over for an additional four years of military has a total of 13 years of active duty in the Navy to his credit. He was transferred to NWC three years ago from an assignment as a crewmember of the USS Wadsforth, a fast frigate homebased at Long Beach. SH1 Elliott joined the Navy in January 1971 at Kansas City, Kans.



UNITARIAN

Friday (East Wing)

Sunday (Annex 95, as announced)

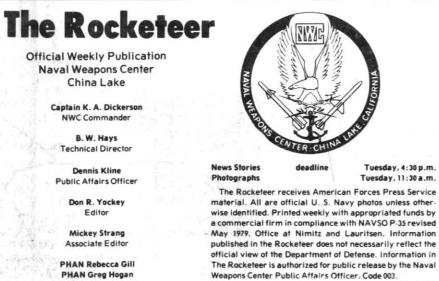
1930

1930

game are time

### job responsibilities have or will become celerated study program of long-term, fullpredominantly managerial in nature. time duration is required. and background within his or her occupational specialty, whether he or she occupies a technical or nontechnical position, by proselected educational institution. viding an opportunity to learn about signifi-(4) There is no educational institution or cant developments or breakthroughs as

**PHAN Rebecca Gil** PHAN Greg Hogan Staff Photographe



February 24, 1984

## Healthy cut made in **Thrifty Wash lead** in Premier League

The Thrifty Wash keglers, battered 18-7 in their match with the Hideaway squad, had their Premier League lead cut in half to a margin of 101/2 points during Monday night's action at Hall Memorial Lanes.

The good showing by the Hideaway squad bowlers left them in sole possession of second place, with a good lead over the Elks Lodge team that was knocked off 18-7 by the Buggy Bath keglers.

High team game (1027) and high team series (2794) scores for the night were rolled by the Modern Trophy bowlers, while Pat Nalley was the evening's top individual bowler with a 678 series that included a 277

Other Premier League bowlers who topped the 600 series mark were Jim Bowen (631), Dick Reymore (608), and Glen Collins

In addition to Nalley, those with single game scores of more than 220 were Earle Roby (260), Collins (232), Ron Williams (226), Bowen (225), Reymore and Aaron Kane (224), and John Salvers (222)

Current standings in the Premier League

Team	Won	Lost
hrifty Wash	330.5	219.5
ideaway	320	230
lks Lodge		
uggy Bath	276.5	273.5
odern Trophy	. 271	279
aytheon Sidewinders		
he Place	262	288
seph's Italian Gardens	244.5	305.5
lympia Beer	236	314
ort Shack		

### Contracts awarded . . .

(Continued from Page 6) amount of \$28,560 that was awarded to

Kilgore Construction of Lancaster, Calif. The Schoeffel Field rehabilitation involves removing a baseball backstop that had deteriorated and was in a hazardous condition, as well as upgrading the field to make it a regulation softball field.

The scoreboard at Schoeffel Field is to be relocated for better viewing, and new controls on the scoreboard will be installed. In addition, the dugouts will be moved to make more playing room available inside the fence.

A 4-ft. high chain link fence that interferes with the soccer-playing area at Schoeffel Field has been taken down, and two nearby exercise stations will be relocated.

Work began last week on improvements to the South Knox road softball diamonds, where a new soccer-playing field also is to be developed.

New arched backstops will be installed at the softball fields, and a snack bar and restroom facilities will be constructed. Hot water for the snack bar will be made possible by the use of a solar energy heater. the Rams. The contract for this work, which will cost \$34,177, was awarded to Jesse Reeves and Associates, of Las Vegas, Nev. The completion date is June 13.

## Lake Isabella draws Whiskey Flat Days

### crowd, few fishermen The long weekend last weekend resulted

in lots of crowds at Lake Isabella, but most people were interested in Whiskey Flat Days, not fishing. Those who did drop a line in the water

caught some trout, no matter where around the edge of lake they fished, and also caught small bass (up to 2 or 3 pounds) if they fished at Piney Point or Rocky Point.

In fact, so many small bass are being caught that the Department of Fish and Game wardens remind anglers that they may have no more than five bass of any size in their possession.

A few bluegills are also showing up in creels, but it's still to cold for crappie. The nightly temperatures around the lake are running in the 20s, keeping the water cold (and those who try to catfish even colder.) Very few catfish are being caught at this ROCKETEER

TOPS IN MIXED DOUBLES — Paul Baczkieweicz (at left), athletic director, presented trophies to the winners and runners-up in the recently-held mixed doubles racquetball tournament sponsored by the Recreation Services Department. Shown with their prizes are (1.-r.) Brynn Dodson, who teamed up with her husband, Tom (not present for photo) to place first; Lynn Becker and Steve Finnegan, second; and B. J. Holden and Rich - Photo by PHAN Rebecca Gill Perrine, third.

the championship

### Mixed doubles racquetball tourney held

The final in a series of three racquetball tournaments sponsored by the NWC Special Services Department was held on the weekend of Feb. 11-12.

Five teams were entered in the mixed doubles tourney, with top honors going to the duo of Tom and Brynn Dodson. The runners-up were Steve Finnegan and Lynn Becker, second, and Rich Perrine and B. J. Holden, third.

In the battle for the tourney title, the Dodsons lost their first match in this doubleelimination event to Finnegan and Becker, but recovered to outscore the second place team 21-19, 21-19 in a hard-fought contest for by the tourney champs.

Finnegan and Becker assured themselves of second place by outscoring Perrine and Holden, 21-17, 21-17.

The winners and top two runners-up in the mixed doubles racquetball tournament received trophies for their efforts. In addition, the Dodsons were given their choice of a dinner for two at El Charro Avitia Restaurant in Ridgecrest, or a large pizza from John's Pizza.

The second place duo received either the dinner at El Charro or a pizza from John's depending upon which selection was made

BHS boys win 2nd CIF tilt . . .

(Continued from Page 6) ny Grattan, of Burroughs, hit a pair of charity tosses for the Burros. The Ridgecrest team already was in the bonus situation at the end of 8 min. of play as a result of 5 team fouls called against the Rams.

The Temple City quintet showed its poise and ability by taking an early lead and making it necessary for the Burros to play catch up on their home court before a capacity crowd of boisterous rooters for the Green and White

The two teams traded baskets for the remainder of the first half, with neither squad able to establish a clearcut advantage as the score remained close. Rogers showed his ability to hit turnaround jumpers from beyond the free throw line, instead of using his height advantage solely to stuff the ball in the hoop from under the basket.

Means, who had tallied 6 points in the first period of play, got sharper as the game progressed at his forte of hitting from the outside. He added 12 more points to the BHS score in the second quarter. His halftime total was 18, compared to 12 for Rogers of

The Burros, who left the court at halftime with a 3-point lead of 26-23, jumped off to



OFF AND RUNNING - Daniel Means (No. 12), stellar guard and playmaker for the Burroughs High varsity boys' basketball team, leads a Burros' fast break down the court during the CIF playoff game with Temple City. Means tallied 35 points in spearheading the BHS victory.

their biggest lead up to that time in the game when Monte Zarlingo, John Reynolds and Means each hit a basket to open the third period of play. From a 9-point lead of 32-23, the Ridgecrest team boosted its advantage to as much as 11 in the third

quarter. Means' outside shooting served the purpose of loosening up things on defense inside by the Rams, and Mike Bailey, 6 ft. 51/2 in. post man for Burroughs, worked his way in for 6 points in the third quarter - 4 coming on assists from Means and Allen Celestine.

In addition, Means pumped in 6 points in the third period of play, which ended with the Burros on top by a score of 44-34.

A brief rally by the Rams saw the visitors cut the BHS lead to 5 (46-41) during the early going in the fourth quarter. Means and Celestine quickly changed that by their combined efforts that added 8 unanswered points to the BHS total - putting the home team back in the driver's seat with a cushion of 54-41.

With nearly 3 minutes left to play until the final buzzer, the Burros led by 17 (60-43) and the game appeared to be in the bag - except for the fact that the Temple City team didn't see it that way.

The Rams, paced by Rogers and Tom McGrath got on a roll and, in 2 minutes cut the BHS lead to 8 points (60-52), a 3-point play by Reynolds of Burroughs, who was fouled while hitting a field goal and then cashed in a charity toss, built the BHS lead back up to 11. The game ended a minute later with Burroughs High victorious 64-55.

Reynolds, who talled 12, was the only player in addition to Means (35) to make it into the double-digit scoring column for Burroughs. Top scorers for the Temple City hoopsters were Rogers and McGrath, with 23 and 13, respectively.

### Opportunities . . .

(Continued from Page 2) operations, determines personnel, material and equipme needed, plans and approves/disapproves leave, maintains various records such as production, training, overtime hours, etc. Receives direction from engineering echnician, section head, or from a range engineer/firing officer when assigned to a range test. Majority of dutie are performed outdoors and incumbent is exposed to hazards of explosives and loading/firing operations. Job Relevant Criteria: Ability to effectively deal with per sonnel of diverse backgrounds and support EEO programs. Knowledge of rocket/missile launchers, large guns, prope handling and storage of explosives. Ability to work safely under stress and pressure. Ability to work outdoors in all types of conditions. A supplemental is required and can be picked up in the Personnel Dept. Building, Rm. 100.

## Signups end today for spring season of youth soccer

Boys and girls in the first through ninth grades have only until 4 p.m. today to register at the Community Center for the spring season of Youth Soccer League play. More than 225 have already signed up for this Recreation Services Departmentsponsored program.

For those not involved in youth soccer this past fall, there is a registration fee that varies as follows:

For military dependents - \$8 for one child, \$11 for two, or \$14 for three or more children from the same family; DoD dependents - \$12 for one child, \$17 for two, or \$22 for three or more children; non-DoD dependents - \$14 for one child, \$20 for two, or \$24 for three or more children.

In addition to the registration fee, there is an equipment fee of \$2.50 per player per season, and all Youth Soccer League participants also must have a uniform shirt that costs \$8.50 and can be purchased at the time of registration.

The final one of three player evaluation sessions for the youth soccer program will take place on Saturday, from 9 to 10:30 a.m., at Schoeffel Field. It is intended primarily for seventh through ninth graders, but younger players who missed evaluations held earlier this week for them may also at-

Purpose of the player evaluations is to enable league officials to form evenly balanced teams when assigning new players.

The spring season of Youth Soccer League competition is scheduled to get underway on March 17. Games will be played on Saturdays for nine weeks through May 12.

Additional information can be obtained by calling the Community Center, phone NWC ext. 2010 or 2081, on weekdays between 8 a.m. and 4 p.m.

### Secretarial opportunities

This column is used to announce secretary positions which the duties and job relevant criteria are enerally 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 ositions increase in grades, administrative functions become predominant. At the higher levels ecretaries apply a considerable knowledge of organization, its objectives and lines of com munication. Depending on grade level, typical ecretary duties are implied by the job relevant riteria indicated below

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A upplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephon duties; ability to review, control, screen and distribut ncoming mail; ability to review outgoing orrespondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of iling systems and files management; ability to mee he administrative needs of the office; ability to train lerical personnel and organize workload of clerica ff processes; ability to plan and coordinate trav arrangements; ability to maintain and coordinate upervisor's calendar and to arrange conferences.

Announcement No. 00-035, Secretary (Typist), GS-318-4/5, Code 03 — This is an intermittent position located in the Office of the Laboratory Director and provides support to that office.

Announcement No. 34-004-84, Secretary (Typing), GS-318-5, Code 3410 - This is a full time position located Publications Division, Technical Information Department Announcement No. 36-107, Secretary (Typing), GS-318-

3/4, PD No. 7936318N, Code 3656 - This position is located in the Specifications Branch, Technical Data Division Engineering Department. The incumbent provides clerical support to the office; a knowledge and working skill on a IBM Mag Card II or CIT Word Processing System is desirable. Promotion potential to GS-5.

Announcement No. C-62-16, Secretary (Typing), GS-318-5, Code 6204 - This position is located in the Range Department, Special Projects Office. The incumbent is responsible for providing administrative and miscellaneous clerical support to the Special Projects office. Duties include, but are not limited to, providing fiscal control; planning and reporting; generating cost estimates; coordinating project plans and requirements for financial charges, reviewing expenditures to ensure proper charging; and performing general secretarial functions.

ement No. 39-007, Secretary (Typing), GS-318-4/5, PD No. to be assigned, Code 3908 - This position is located in the Sparrow Program Office. Weapons Department. The incumbent provides clerical assistance to the Sparrow Program Office staff. Previous applicants need not reapply.

Announcement No. C-06-01, Clerk-Typist, GS-322-4, PD No. 8106002N, Code 063 - This position is located in Test & Evaluation Directorate, Projects Office. The incumbent will provide clerical and typing support to the personnel in the Projects Office including the Air Projects and Ground Projects personnel. This is a permanent part-time p

Page Six



## Contracts awarded for improvements to recreation facilities

Three contracts have been awarded and work is underway on improvements or additions to recreation facilities at the Naval Weapons Center, according to information received from the Construction Division of the Public Works Department.

Largest of the three contracts is the one that calls for renovation of the clubhouse at the China Lake golf course by Mertz Construction of Lancaster, Calif.

CLUBHOUSE RENOVATION

Work to be done under this contract, which totals \$156,449, includes the construction of a new men's locker room that will make more lockers available; enlargement of the women's locker room; relocation of the pro shop in order to provide a new pro shop office: and construction of a new men's shower and restroom.

Men golfers are asked to clean out their lockers by mid-March. No changes in the hours of operation at the China Lake golf course or at the snack bar will be necessary because of the construction work at the clubhouse.

There will be some inconveniences due to the construction work at the golf course clubhouse. From now until April 12 (the contract completion date) there will be no heat in either the men's or women's locker rooms.

Beginning next week, the women's room will be unusable until contract completion, and the women's restroom will be out of operation until approximately mid-March. MEN'S LOCKER ROOM USABLE

Also beginning next week, one fourth of the east end of the men's locker room will be sectioned off, but the remainder of the men's locker room will be available for use until around March 12. After this date, the men's locker and restroom will be closed until the work contracted for has been completed

During the period of time that the men's and women's restrooms are out of operation, portable toilets will be provided. A variety of changes also are being made

at Schoeffel Field under a contract in the (Continued on Page 7)

## Golden Corral cagers win two more games in Intramural League

Two more victories, one by forfeit, were racked up last week by the Golden Corral cagers, who remain atop the standings in Div. A of the Intramural Basketball League as the 1984 season winds down.

Held to a 37-37 halftime tie by the Pioneers, the division leaders outscored their opponents by 15 points in the final 18 minutes of play to win by a final margin of 81-66.

Once again, Darryl Moline was the top scorer for the Golden Corral team with 33 points. Right on his heels was Jeff Jenkins, of the Pioneers, who tallied 32.

A forfeit win was picked up by the Golden Corral squad when the Dispensary hoopsters failed to put in an appearance for their 7:15 p.m. game on Feb. 15.

Since Division B competition has ended, the only other Intramural Basketball League game played last week was a Division A tilt between the Lakers (a.k.a. NWC varsity) and the Pioneers. The Lakers led 35-32 at the half, but broke loose in the second half to outscore the Pioneers 59-37 as they posted a 94-69 victory.

Top scorers in this contest were Otis Fisher, of the Lakers, with 26, and Jenkins, who tallied 18 for the Pioneers.

### ROCKETEER

# Burroughs boys win in overtime against Montclair

A come-from-behind overtime win Tuesday night over Montclair by the hitting just 6 points in the first quarter, they quarter. Burroughs High School varsity boys' did a little better with 11 points during the basketball team kept the Burros in contention for Class 2A post-season CIF honors. The Ridgecrest team is now two for two in the playoffs after posting a 64-55 win over Temple City during a game played here last

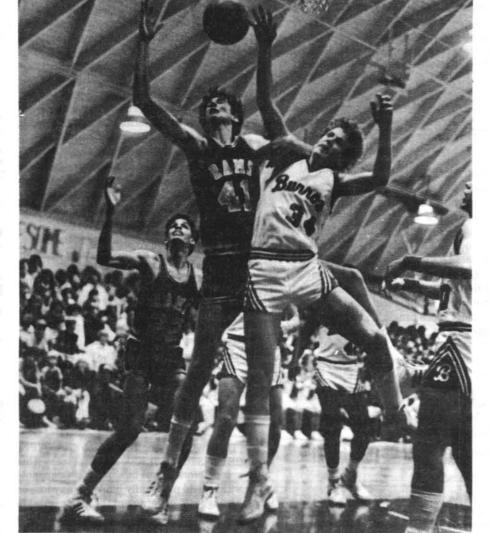
Friday night Next test for the Burroughs High squad, which edged Montclair 61-59 in a game played at Ontario, will take place tonight against the San Bernardino High School cagers, champions of the San Andreas League. Tip-off time is 7:30 p.m. at the Trona High School gym.

The Burros couldn't get the ball to drop in the hoop for them in the first half of their second period of play.

Trailing 27-17 at the start of the second half, the Ridgecrest team made a slight dent in the Montclair lead - cutting it to a 7-point margin of 41-34 during the third quarter.

Building up to the game's exciting and pressure-packed finale, the scrappy Burros took the lead for the first time in the game (46-45) with a little less than 4 minutes left to go in regulation playing time.

With the final outcome of the contest hanging in the balance, the Ridgecrest team but a field goal and two charity tosses by the Cavaliers knotted the count at 53-53, where



BASKETBALL BALLET — It's not really dancetime under the hoop when post-season CIF playoff competition rolls around. Jousting for the ball is Danny Grattan (No. 34), of Burroughs, who gave away a height advantage of 7 in. to Erik Rogers, 6 ft. 10 in. forward for the Temple City Rams. If the ball gets away from either of these two players, Jim Emmanuelli (at left), another Temple City hoopster, is set to make a try at controlling it.

## BHS girls battered by Louisville in CIF playoff tilt

only to be battered 71-39 by Louisville in the to 15 ft. from the hoop. first round of the CIF Southern Section Class Cruz, who was the game's top scorer with 3-A playoff competition last Saturday night in Canoga Park.

In the opening round of CIF action, the Burros were soundly defeated by a team they had outscored in mid-December on the Royals' home court. Louisville went on to win the San Fernando Valley League championship, while the local hoopsters finished in second place in the Golden League

Coach Jack Clark's post-game comments ranged from "We weren't ready to play," to "They outplayed us in every aspect of the game," as he mentally reviewed the lopsided defeat suffered by the Burros.

In what was a real downer for the Ridgecrest team, the Louisville Royals came out smoking - building up an 18-6 first quarter lead that included 10 points by Marianella Cruz, a sophomore forward.

Going into the CIF playoff opener against Louisville, the Burros knew they had to put a lid on the scoring of Regan O'Hara and Stephanie King, who averaged 15 and 21 points per game, respectively, during the 1983-84 season.

King, an all-CIF forward, was held to 12

The agony of defeat followed closely on points, and O'Hara, a 5 ft., 11 in. center, The Royals, who capitalized on the outside the thrill of victory for the Burroughs High tallied 16. The big surprise on offense for the shooting by Cruz in the first half, dominated School varsity girls' basketball team. The royals turned out to be Cruz, who had a hot the area under the hoop in the second half Burros closed out their 1984 Golden League hand - hitting with good consistency during during which O'Hara, King and Andrea season with a convincing win over Saugus the first half on shots put up a distance of 12 Knapp tallied 24 of their team's 37 points,

> 19, was instrumental in giving her team a comfortable 34-16 lead at halftime.

## Meeting scheduled to make plans for volleyball league

An organizational meeting and clinic to make plans for the for adult Intramural Volleyball League season has been scheduled on Wednesday, Feb. 29, from 7 to 9 p.m. at the Center gym.

Tentative plans call for setting up Coed A and Coed B Divisions, as well an Open B Division. Team rosters are due at the Center gym office no later than 4 p.m. on March 1, and Intramural Volleyball League play will begin on Tuesday, March 6.

Civilians participating on any Intramural League team must have an Athletic Association membership or sports activity card. There is no charge for active duty military personnel or their dependents.

Volleyball players and team coaches can obtain additional information by calling 3ym, phone NWC ext. 2334 or 2571.

game with the Montclair Cavaliers. After it remained for the duration of the fourth

February 24, 1984

In the final 30 sec. of regulation playing time, each team had a chance at a field goal, but missed.

Action during the 3-min. overtime period was equally tense. Montclair scored the first field goal, which was matched by a 2-pointer for the Burros. Halfway through the overtime session, the Ridgecrest cagers edged ahead 59-57, only to have the Cavaliers tie the score at 59-59 on a pair of free throws.

Hustling defense by both teams, coupled with concern about not wanting to waste a increased its lead to 53-49 at the 1:45 mark, shot, limited the scoring in the final minutes of regulation playing time, as well as during the overtime period.

Daniel Means, stellar guard for the Burros, got off a shot at the hoop from along the base line with just 3 sec. showing on the scoreboard clock. It barely missed going in, but Mike Bailey was Johnny-on-the-spot for Burroughs and tapped in a rebound that broke the deadlock and won the game.

As fortune would have it, that Bailey's only score in the contest.

Means was the game's high point man with 21 on 9 field goals and 3 of 4 free throws. Three other Burros made it into the doubledigit scoring column. They were John Reynolds and Danny Grattan, 12 points each, and Allen Celestine with 10.

Desmond Scieneuax led the Cavaliers with 19 points. Other leading scorers for the Montclair team were Mike West and Tom Lyles, who hit 12 points each, and Rod Thornton, who chipped in 10.

Once again the Burros were sharp at the free throw line - cashing in on 15 of 18 charity tosses. The BHS team also led in the rebound department by a margin of 36-31. In addition to hitting 21 points, Means was credited with six scoring assists.

Last Friday night in the Burroughs High gym, the offense of the Rams from Temple City was keyed around Erik Rogers, a 6 ft., 10 in. junior, who lived up to expectations by leading his team's attack with 23 points on 11 field goals and 1 of 2 free throws.

The Burros, who gave way to Temple City in the size department along the front line, placed their chips on Daniel Means, all-CIF and all-Golden League senior guard for the Ridgecrest team. Confidence in Means was well placed as he tallied 35 points on bombs from the outside, and an occasional fastbreak layup.

Action developed slowly in the first period of play, which ended in a 12-12 tie when Dan-

(Continued on Page 7)

mainly from inside.

The Burros, who Coach Clark reported were "outhustled and unable to get into their offense patterns," were unable to make up for the first half deficit and fell farther behind (51-28) during the third period of play before losing by a 32-point margin at the final buzzer.

While the Louisville Royals had three players - Cruz, O'Hara and King - in the double-digit scoring column, the Burros' front line of Kristell Kinkennon, Cecelia Scanlan and Kessler fell on hard times. This trio of players, which had a combined average of more than 35 points per game during the 1984 season, managed just one field goal each against the Royals.

The one bright spot in the Ridgecrest team's offense was the play of Andrea Veatch, who came off the bench to tally 16 points on eight field goals.

The Palmdale team, Golden League champions in girls' varsity basketball, outscored St. Genevieve 56-50, in the CIF playoff opener for the Falcons; but Antelope Valley High of Lancaster, like Burroughs, also was knocked out of the playoffs as a Jerry Kissick, at NWC 3970, or by calling the result of the Antelopes' 58-42 loss to San Gabriel

February 24, 1984

ROCKETEER

### **Page Three**

# The Skipper sez



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. K. A. Dickerson. Please call NWC ext. 2727 with your question and state whether you are a military member, civilian employee or dependent. No other identification is necessary. Since only three or our questions can be answered in the Rocketeer each week, anyone who would like to ensure getting an answer to a question may leave name and address for a direct contact, but this is not required otherwise. There is no intent that this column be used to subvert normal, established chain-ofcommand channels.

### QUESTION

Civilian employee - I have been on the waiting list to get a gym locker since last May. They were supposed to issue gym lockers during the past several months, and as of yesterday (Jan. 4, 1984), they still haven't done it for the women. I was wondering why there has been such a long delay and if they can't issue them pretty soon. I'd like a personal response if that's possible. ANSWER

There should not have been the delay that aparently has occurred in issuing you a locker. The reissue of lockers was behind schedule, but lockers are now available. Additionally, a new waiting list system has been developed which hopefully will streamline the issuing process. I'm sorry the front desk at the gym could not help you earlier in this matter.

Periodically, problems are addressed in the Recreation Services area and we find that the respective division head has not been informed by the individual involved. I would recommend that if you have a problem in any Recreation Services program or at any facility and have not been able to correct it, that it be directed to the responsible manager. Here is a list of the key recreation personnel and their phone numbers on Center:

John Shoaf, head, Recreation Services Department, phone NWC ext. 3387; Wilt Wyman, associate head, Recreation Services Department, NWC ext. 3387; Ike Eisinger, Auto Hobby Shop, NWC ext. 2346; Bruce Warnick, Bowling Center, NWC ext. 3471; Carol Hape, Crafts/Hobby/Stables, NWC ext. 3252; Elaine Mikkelsen, community services/theater/youth activities, NWC ext. 2081; Polly Ferraro, Children's Center, NWC ext. 3913; Jim Cantrell, golf course, NWC ext. 2990; Paul Baczkiewicz, acquatics/athletics, NWC ext. 2571.

### QUESTION

Civilian Employee - The Navy offers stable facilities to permanent civilian employees at low local rates. Some of these civilian employees even live off Center. Why are some civilian employees given this extra benefit at taxpayer expense?

### ANSWER

I can assure you there was no intent to give employees the extra benefit of stable privileges at taxpayers' expense; however, it is intended to ensure that our military personnel have facilities to board their horses when they report for duty aboard NWC

The circumstances you point out do not deprive any military personnel from using stables to house their horses. In fact, this policy is consistent with other recreation and club policies in that the needs of military personnel, their dependents, retired military and other authorized persons are met, and DoD civilian personnel are authorized the use of facilities on a space-available basis.

Any clarification or questions on the above policy should be directed to Wilt Wyman, Code 22A, phone NWC ext. 3387.

### QUESTION

Civilian Employee - Some of the job openings in the Rocketeer say status eligibles may apply. I know what that means, but I'd like to know why. I happen to know a temporary employee who would be perfect for a position publicized recently in the Rocketeer - but he can't apply, of course.

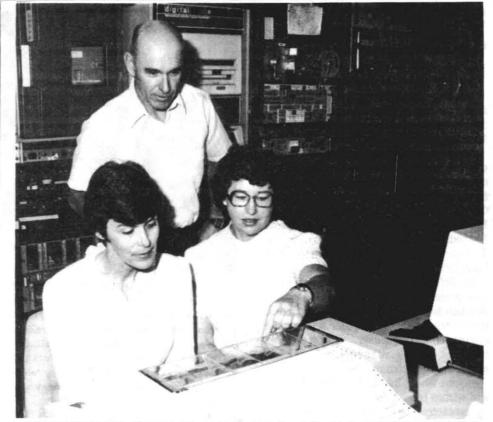
ANSWER

There are many methods available to managers to fill vacancies. Advertising positions in the Rocketeer is only one vehicle. That method provides reassignment or promotional opportunities to current permanent employees of the Center or, if indicated, to individuals who have previously been permanent Federal employees and have reinstatement rights.

Temporary employees can avail themselves of opportunities to apply to Civil Service registers as they are open to enhance their opportunity to become permanent employees. Further information about that process is available at the Employment Information Desk in Room 100 of the Personnel Department Building.



ONE DRIVER INJURED - A two-car collision on the morning of Feb. 15 produced this scene at the intersection of Blandy Avenue and Richmond Road. A left turn made off Richmond onto Blandy by Ada Lou Jarrell, 75, resulted in major damage to both vehicles, and injury to Marguerite G. Cameron, 77, whose car (on left) jumped the curb and knocked down a light post after it was hit. Mrs. Cameron was taken to the emergency room of the Drummond Medical Center for treatment of her injuries.



NEW COMPUTER INSTALLED — Woodie Chartier (standing), Hermi Harris (seated at left) and Deone Crecelius look over diagnostic readouts reproduced by the console printer for the T-8200 computer system that has been installed in the A-7 Aircraft Simulation Laboratory. Chartier heads the Aircraft Weapons Integration Department's A-7 Facility; Ms. Harris is a computer specialist, and Ms. Crecelius is a computer - Photo by PHAN Greg Hogan

# New computer increases support capability of A-7 Simulation Lab

recent weekend in Hangar 3 at Armitage Airfield.

Employees of Telefile, Inc., of Irvine, Calif., the firm that is leasing a T-8200 computer system to the Naval Weapons Center, handled this work on a weekend. since it was necessary for the simulation laboratory to be back in full operation as soon as possible.

Operation of the lab is continuing at present using the old Xerox Sigma V system, which is due to be phased out as soon as the new equipment has been completely checked out and found to be working satisfactorily. The Sigma V has had a long and productive life as computer systems go and has operated successfully in support of the A-7 aircraft since 1971.

Employees of the A-7 Facility branch (Code 3113) in the Aircraft Weapons Integration Department's Avionic Facilities Division provide the simulation environment to test operational flight programs for the embedded computers in the A-7E Corsair II aircraft.

According to Woodie Chartier, head of



PROJECT ENGINEER - Herbert Barry, project engineer for the A-7 Facilities Branch, checks out the central processing unit of the T-8200 computer system that has been leased to replace an older system in use for more than 12 years to test operational flight programs for the A-7E N. Norma St., phone 446-4526, to make the Corsair II aircraft.

Installation of a new computer in the A-7 Code 3113, the T-8200 computer system will Aircraft Simulation Laboratory began on a operate faster, have more memory storage, and will make it possible to do operational flight program validation work at the same time that simulation software development and testing work is underway.

> Approximately a third less space, a third less power, and a third less air conditioning will be needed for the T-8200, compared to the computer system that the engineers and technicians of the A-7 Facility Branch have been using for a number of years.

> The primary feature that made the Telefile T-8200 system desirable for use in the A-7 Facility was that no hardware or software modifications were required in the Simulation Laboratory in order to swap the computer systems.

### New explosive . . .

### (Continued from Page 1)

the first test. The explosive is now qualified for use in the high-speed antiradiation missile (HARM), with Thiokol serving as subcontractor to Texas Instruments, manufacturer of the missile.

Relatively few plastic-bonded explosives have been used in weapons prior to this time, according to Dr. Yee, but the more they are used, the more confident designers will feel with them, and the more they will be used in the future.

Although relatively insensitive explosives were first developed around the turn of the century, excessive cost prevented extensive use. Continued research, both in this country and abroad, has lowered the cost and improved the product.

Continuing feedback from users of any explosive to the developers, such as NWC chemists, also enables them to improve the formulations for use in a variety of applications.

### BLM meeting . . .

(Continued from Page 1) sidering such withdrawals, the meeting was

opened for interested parties to comment on the issues they felt were essential. Information about these issues will be

gathered from the California Desert Plan and from other sources (including investigation) by the contractor who will prepare the Environmental Assessment. When the draft Environmental Assess-

ment is ready, it will be mailed to those who have already expressed a wish to review it. Anyone wishing to see the draft should contact the Ridgecrest office of the BLM, 1451 request.

Page Four

## Software option now offered to students in Master's program

A Software Engineering Option is being added to the external degree Computer Science Master's program offered at China Lake by California State University Chico.

The specialty in Software Engineering requires a total of 10 classes of which six are mandatory, three are electives, and the final class is the Master's project. The mandatory classes are Programming Methodology, Applications to Formal Methods, Management and Economics, Tools and Techniques, Software Laboratory I and Software Laboratory II.

The Software Engineering option will provide professional software developers and problem solvers who are well educated in the fundamentals of computer science, the engineering process, mathematics, business and management skills, economics, and communication skills.

Anyone who is interested in this program and wishes more information can obtain it by contacting Dr. Steve Lee, phone NWC ext. 2468.

## Toxic waste disposal methods will undergo evaluation by team

A consulting team from the Naval Energy and Environmental Support Activity at Port Hueneme will be on board the Naval Weapons Center from Monday through Friday of next week to conduct an in-depth investigation of past hazardous waste disposal practices and disposal sites on the Center.

This investigation is the first and most critical step in a Department of Defensewide program to identify, confirm, and clean up old hazardous waste disposal sites and minimize any impact upon the health of NWC personnel and the environment.

The team, headed by John Edkins, will search records and interview employees, who are asked to support this investigation. Anyone having information to contribute or questions about this matter is asked to contact Tom Dodson, head of the Environmental Branch in the Public Works Department's Engineering Division, or Carol Hawkins, by calling 3411, ext. 377.

## Preschool Ass'n will host workshop on communication

A communication workshop entitled "What's That I Didn't Hear You Say?" will be presented at the Enlisted Mess on Monday, March 5, from 7 to 9 p.m. by Rhea Zakich, creator of the Ungame.

The workshop is sponsored by the Desert Area Preschool Association, and is open to all interested persons. To defray the cost of the workshop, a fee of \$2 will be charged for general admission, and \$1 for senior citizens, military personnel, and members of the Desert Area Preschool Association.

Tickets may be purchased in advance by contacting members of the association; at the NWC Children's Centers, NWC ext. 2735; or from Polly Ferraro, phone 446-5001, or Kathy Stuart, phone 375-6539.



DISASTER PREPAREDNESS INFORMATION DISTRIBUTED - Vivian Hueker, of the American Red Cross, shows some interested local residents a "Safety and Survival in an Earthquake" handbook prepared by the Red Cross. On display at the Heritage Village shopping center last Friday and Saturday were items that each family should store for use in a case of an earthquake. In addition, a free earthquake preparedness comic book was given out, courtesy of Safeway Market. Anyone wishing to attend Red Cross disaster preparedness classes may register by telephoning the local Red Cross office, NWC ext. 3208, any Monday, Wednesday or Friday between noon and 4 n.m.

# Seismic hazards on NWC lands monitored by USGS, Navy experts

Geologists from the Applied Geoscience monitoring. Research Office of the Research Department and from the U.S. Geological Survey (USGS) are maintaining a watchful eye on the earth beneath Naval Weapons Center lands to monitor the status of geologic hazards. Both earthquake and volcanic hazards are being monitored.

Software entitled "HYPO 71" is on line using a VAX computer to locate earthquakes. This program is used by both the USGS and local geologists almost daily to check the quakes that may have shaken NWC lands. The USGS has also recently been funded by the Navy to continue its earthquake monitoring in the area.

The two groups of scientists are also working together closely to install a trilateration net across the crack that crosses the Randsburg Wash Road. (Ground cracking in that area increased dramatically following torrential rains last August.)

Periodic surveying of the net will indicate the magnitude and rate of tectonic strain accumulation in the area, and will augment other USGS nets located nearby along the Garlock fault

Active fault maps of the Randsburg Wash area are completed, and most maps of faults in the Indian Wells Valley and at NWC are in the final drafting stage prior to publication. The two groups of maps will be published as a set during this fiscal year. Preliminary copies of some of the maps are available by request. These maps will especially be useful to planners, engineers and others who are responsible for locating buildings, roads and other types of structures.

Arrangements are being made to resurvey the SNORT area to determine if it is still being tectonically deformed. Such deformation has been noted in recent years.

Periodic surveying of the USGS/NWC level line and trilateration net in the Coso range and test ranges on board forms part of both earthquake and volcanic hazard

A volcano-monitoring program is centered at the Devil's Kitchen in the Cosos. with a regular sampling program for collecting gases being established. Gases monitored include carbon monoxide, carbon dioxide, sulphur dioxide, hydrogen sulphide, methane, carbon disulfide, and carbonoxy sulfide, along with a helium isotope. Baseline data for these gases is being established

A hydrogen monitor has been installed to sample hydrogen concentration every three hours and to automatically transmit this data to the USGS headquarters in Reston, Virginia, by satellite and computer link.

While the type and concentration of gases indicate a potential for volcanic eruption -

Volcanic eruption hazard and effect volcanologist from California State University, Fresno, who has been studying the major volcanic eruption that took place in the Coso Range about three million years

Department of Defense civilian em-

ployees are welcome and encourged to join OCF and CMF as prayer partners who enjoy all of the privileges of regular members, except the right to vote for or serve on the organization's national council.

### TD seminar scheduled

Dr. Charles A. McNary, a scientist employed by the Hughes Aircraft Company, will discuss artificial intelligence applications to target recognition at a Technical Director's seminar to be held on Wednesday, Feb. 29, from 3 to 4:30 p.m. at the Michelson Laboratory auditorium, Rm. 1000D

ture is unclassified

electrical controls has been estimated at

MONEY TAKEN FROM SAFE

China Lake police last week received the

report of a burglary at the China Lake golf

course snack bar, where currency

estimated to total \$116 was removed from a

THEFT OF WALLET REPORTED

in a desk drawer of the Branch Medical

Clinic's eye examination office, was

reported stolen on Thursday afternoon of

last week. Contents of the missing wallet in-

STREET LIGHTS BROKEN

ALTIMETER MISSING

MISSING SIGNS FOUND

abandoned them at Salt Wells.

cluded \$55 in cash.

A wallet, left by one of the Navy corpsmen

safe. There was no sign of forced entry.

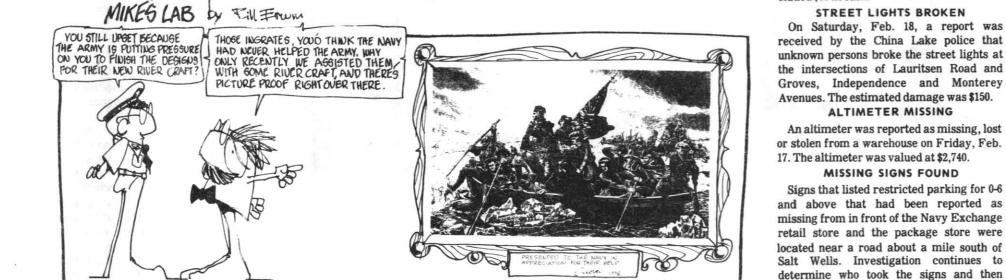
# China Lake Police reports . . .

A person or persons unknown removed a survival vest and winter flight jacket from a locker at the Search and Rescue building at Armitage Airfield, according to a report filed shortly before noon on Tuesday. Estimated value of the missing items is \$300

FLIGHT GEAR STOLEN

An incident of vandalism in the China Lake Propulsion Laboratories area was reported last week to China Lake police.

Officers called to investigate the matter learned that unknown persons had activated an overhead crane, causing it to run into a scaffolding tower. Damage to the crane's



February 24, 1984

## **Christian Fellowship** invites all interested to meetings on Thurs.

An invitation to interested adults to join their Bible study and fellowship meetings that are held at 7 p.m. on Thursdays in the East Wing of the All Faith Chapel has been issued by the local unit of the Officers' Christian Fellowship (OFC) and the Christian Military Fellowship (CMF).

Part of a national organization that began 40 years ago, the OCF and CMF was formed to help meet the needs of officers and enlisted personnel on active duty in the U.S. military services.

The group's aim, according to LCdr. Lou Czerwonka, USN (Ret.), is to "reach out to the entire military society with the good news of Christ within the Armed Forces."

Activities of such units around the world vary, but Bible study in a framework of prayer is nearly always featured, and there is a strong emphasis on family wherever appropriate, LCdr. Czerwonka said.

During meetings in the East Wing of the All Faith Chapel military personnel of all ranks and rates, and their spouses, get together. Regular attendees take turns in leading the discussion, and (when apapplicable) the wife of the leader provides dessert for the fellowship period that follows the hour-long Bible study lesson.

In addition, the last Thursday of each month is set aside for a family social event. This is a non-denominational group, LCdr. Czerwonka noted. He invites all military

personnel and their survivors to attend and find out more about the organization and what it has to offer those who participate.

Those interested can obtain additional information by calling LCdr. Czerwonka or his wife, Lena, at 375-7617.

All NWC personnel are welcome. The lec-

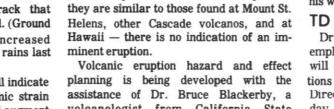
mathematics Two days are required to complete the en-

training.

OFFICERS INSTALLED — New officers of Chapter 28 of the Federal Managers' Association (FMA) took over their duties at a meeting of the local group held recently. The FMA officers are (left to right, front row) Beth Janish, first vice president; Jacque Clawson, historian; and Dennis Rowell, one-year director. In the back row are (I.-r.) Betty Gross, treasurer; Brandi Williams, sergeant-at-arms; Donna Gonder, president; and Earl La Fon, secretary. Those unable to be present were Ron Metevier, second vice president; Gale Poppen, two-year director; and Steve Sanders, three-year director.

# Federal Managers' Association installs new officers for 1984

28-29



ago.

February 24, 1984

ROCKETEER

Page Five



The 1984 officers for Chapter 28 of the Federal Managers' Association (FMA) were installed during the regular meeting held recently at the Flight Deck of the Enlisted Mess. Installing officer for the group was Dennis Rowell, who has served as president of the local chapter since 1978.

New president of the organization is Donna Gonder. The first vice president is Beth Janish, and she is joined by Ron Metevier as second vice president.

Other officers are Earl LaFon, secretary; Betty Gross, treasurer; Brandi Williams, sergeant at arms; Jacque Clawson, historian; Dennis Rowell, one year director; Gale Poppen, two-year director; and Steve Sanders, three-year director.

Membership in Chapter 28 of the FMA is open to those civilians who are supervisors or others who need to make managerial

ment (GED) test to non-high school

graduates on Tuesday and Wednesday, Feb.

Only those 18 years of age and older are

eligible to take the examinations, which

cover the areas of English, social studies,

natural science, literature and

decisions, such as personnel specialists, contracts specialists, financial management advisors, or others who provide expertise for a group of people. Managers of programs such as data

managers also are eligible to join the FMA. The FMA maintains a Washington office to serve its more than 20,000 members. The organization has worked to improve agency relations, facilitate communications between employees and supervisors, achieve more timely and effective training, ensure that performance standards are fairly implemented, improve retirement legislation, and to continue the use of Civil Service personnel rather than contracting out support, repair, overhaul and research work

Membership is \$3 per pay period and is tax deductible

### Cerro Coso College to administer GED test

Cerro Coso Community College will ad-Wednesday. minister the General Educational Develop-

Those who pass the series of GED tests can apply for a California state certificate of equivalency that indicates educational chievement at the high school level.

Anyone who registers to take the GED test series must pay an advance fee of \$10 to offset expenses involved in monitoring and scoring the tests. For information about reservations or additional testing sessions, tire battery of tests, which are scheduled call the College Counseling Center, phone between 1 and 5 p.m. on both Tuesday and 375-5001, ext. 219.

# NWC housing regulations spell out tenant responsibility, liability

A recent fire in a Navy family housing Housing Division Office) will be assessed." unit prompts this reminder concerning tenants' liability and responsibility, as well contains a section pertaining to the

Navy Family Housing Manual, a damages or loss to personal property of publication issued by the Naval Facilities military personnel and civilian employees Engineering Command, occupants are of the Navy and Marine Corps. liable for loss or damage to government property that arises from their "willful or malicious acts or their gross negligence."

Each field activity is required to take agressive action on a timely basis, with effective follow-up to collect all claims for reimbursement for damages or loss to housing facilities.

The Navy Family Housing Manual also sets forth methods for establishing and satisfying liability for damages or loss. Under this section, damages or loss are to be determined by comparing the existing condition of a unit, its furnishings, and the surrounding area with the conditions noted at the time of the check-in inspection report with allowance for normal wear and tear.

When it is determined that the occupant is liable, the occupant will be requested to correct, repair, replace, or pay for damages or losses incurred. Regardless of the method chosen, the replaced or repaired property must be approved by the field activity

Methods of satisfying occupant liabilities listed in the Navy Family Housing Manual, are as follows

(1) The occupant may elect to personally repair or replace property that is lost or damaged.

(2) The occupant may elect to procure the repair services from local commercial firms

(3) The occupant may elect to establish a personally funded account with the field activity comptroller against which the field activity repair or replacement effort is charged.

The NWC Housing Regulation (NAVWPN-CENINST 11101.K) summarizes this occupant, dependent, or guest. Occupants the Children's Center. are encouraged to correct such items themselves or to hire a local craftsman will be chimichanga, a combination Division representative upon completion.

"If not corrected within a reasonable time, Public Works Department personnel will correct the deficiency and currently established charges (as posted in the

The Navy's Family Housing Manual also as the government's liability to occupants. government's liability to occupants that According to information included in the opens the way for payment of claims for

The field activity is responsible for providing the occupants with assistance in those instances where they elect to initiate a claim with the government. Claims are payable when a tenant's personal property is damaged or lost by fire, flood, hurricane, or other serious occurence, as well as by theft

Personal Claims Act Regulations allows for payment of claims that come within the scope of the Act up to \$25,000. Claims are not payable if the loss is caused wholly or partly by the negligent or wrongful act of the occupant, such as failing to lock doors or windows.

In all cases of theft, in order to be paid by the government, a claimant must establish that he or she exercised due care in the protection of personal property, and that a robbery, burglary or housebreaking occurred.

Occupants of Navy housing who possess high value items, or who have personal property in their quarters that exceeds \$25,000 in value, are advised to obtain commercial renter's insurance.

As a common sense precaution, those living in government quarters should never leave young children at home alone.

## Children's Center director to speak at Navy League meeting

A talk about the Children's Center programs offered by the NWC Recreation Services Department will highlight the next meeting of the Indian Wells Valley Council of the Navy League.

The meeting, which is open to the public, same information this way: "Occupants will be held on Thursday, March 8, starting will be held personally liable for any loss or with a social hour at 6:30 p.m. at El Charro damage to government property due to Avitia Restaurant in Ridgecrest. The willful, negligent, or accidental acts of the speaker will be Polly Ferraro, director of

Menu choices at the Navy League meeting whose work must be approved by a Housing Mexican plate, or flauta at a price of \$7.50 per person.

> Reservations, which are due no later than Monday, March 5, may be made by calling 446-5488 or 446-7244 after working hours; 375-5515 during the morning hours; or 375-4272.

# Percentage of Navy personnel identified as drug users plummets

urinalysis testing program and other detection means has dropped dramatically in the two years since the program started.

At that time about 40 percent of active duty Navy personnel admitted that they had previously experimented with drugs, says Capt. R. P. Flower, Commanding Officer of Air Test and Evaluation Squadron Five, whose previous assignment was with the Bureau of Naval Personnel. Now, he says, that figure has dropped to less than five percent, and at VX-5 during the past six months, less than one half a percent of those tested show a positive result for drug use.

MAC Jerry Entjer, Chief Master at Arms for NWC, agrees that the percentage of positive results on the random urinalysis screenings has dropped significantly. These tests, he notes, cover all commonly used drugs, not just marijuana.

About 10 percent of all the Center's military personnel, officer and enlisted, are called in for urinalysis testing each month, with the selection being made on a random basis. Also, any military personnel who are on their way to any sort of training can also expect to be tested when they check in for

Chief Entjer reports that the number of

The percentage of Navy personnel iden- military personnel who won't tolerate the users, some almost irreducible minimum of past. tified as using drugs through the random use of drugs by those around them is in- individuals (either military or civilian) who The police also say that in a small comcreasing because more and more are realizing that if their associates are caught using drugs they, too, would be suspect.

Use, he says, is primarily by the very young and immature personnel. Others realize that they have too much to lose to be caught in the drug scene.

LCdr. Mike Kelly, Staff Judge Advocate, agrees, pointing out that any chief or officer who is found to be using drugs is automatically processed for discharge. Any personnel who are E-6 or below may either be discharged or may be given one more chance, depending on circumstances.

Such personnel will be screened at least twice each month during the four months following their initial positive result on the urinalysis; a second positive result means an automatic discharge.

Judges and juries, LCdr. Kelly notes, have also been tightening up on enforcement of maximum penalties for drug users or pushers, and such toughening of enforcement of existing laws is serving as a deter-

Realistically, says Cdr. G. F. Herbster, head of the Military Administration Department and Executive Officer of Enlisted Personnel, there will probably always be some will experiment with drugs. The aim of the Navy is to keep that percentage at an absolute minimum, as close to zero as possible. "Zero tolerance" is the goal.

The most commonly abused substance is still alcohol, all experts agree. The Navy is takening increasingly firm steps in dealing with alcohol abuse, but the big difference between alcohol and other substances abused is that alcohol is legal while the others are not.

Drugs being used locally, according to the China Lake police, the Naval Intelligence Service, and the Counseling and Assistance Center, are marijuana, cocaine, crank (crystal methamphetamine) pills of various sorts including those legally prescribed, heroin and hallucinogens such as LSD. In school age youngsters, the "look alike" drugs are still a problem. PCP has not become a major problem in the local community a blessing because of its deadly potential.

Law enforcement personnel also believe that use of drugs by injection is up, including the injection of cocaine.

And, they note, those who are using drugs are keeping more quiet about it than in the

munity such as the Indian Wells Valley, arrests of dealers tends to have a dramatic although somewhat temporary effect on the amount of drug use because not only do supplies dry up but also purchasers and dealers eye each other suspiciously, wondering if the other has become a police informant.

One of the best long term answers for substance abuse, say Esther O'Neill-Harden and YNCS Joe Parrie from the Counseling and Assistance Center, is education in the very early grades about the effects of these substances. Even junior high school is too late, they feel. Such education should not consist of scary tactics, but of presenting awareness of actual effects.

Parents must also become more knowledgeable and involved, they believe so that these parents will be able to determine if their children are experimenting with drugs. They should be particularly aware of any major behavior changes in their children.

Supervisors are also in a position to be of help, the China Lake police believe, provided that they document any changes in behavior in an employee and then refer that individual to the Employee Assistance Program.