Fleet Reserve Ass'n to elect new officers at meeting Mon. night

Election of officers will highlight the next meeting of China Lake Branch 95 of the Fleet Reserve Association (FRA), which is scheduled at 7:30 p.m. Monday at the Enlisted Mess.

The nominees for office are: Randall Braddock, for president; Richard Jacobsen, for vice-president; Frank Williams and Wallace Baker, secretary-treasurer; and Arthur Trent, Joseph Tavare, Victor Bizon, Opel Andres and Richard Weiss, to fill vacancies on the board of directors.

Additional nominations will be accepted from the floor prior to the time that voting takes place at Monday night's FRA

Membership in the Fleet Reserve Association is open to active duty and retired Navy, Marine Corps and Coast Guard personnel. During their last meeting. FRA Branch 95 members voted to sponsor the Dodgers, an Indian Wells Valley Pony League baseball team.

Concert scheduled Sunday by Desert Community Orchestra

The Desert Community Orchestra, under the direction of Stan Ricker, will present a concert on Sunday, starting at 4 p.m., in the Center Theater.

The featured artist will be Chamonix Shull, 13 year-old daughter of Dr. and Mrs. Vernon Shull, of Ridgecrest. She will be playing Beethoven's Piano Concerto No. 1 in C Major.

The orchestra program also will include the "Coronation March" by Meyerbeer, the overture to "Russlan and Ludmilla" by Glinka, Enesco's "Rumanian Rhapsody," and Beethoven's "Egmont Overture."

Tickets for the performance will be on sale at the theater box office on Sunday afternoon. The price of admission is \$4 for adults. Tickets for senior citizens, enlisted military personnel and children are priced

Metal bending topic at Aircraft Ass'n meeting

Members and guests of Chapter 446 of the Experimental Aircraft Association will hear a talk on the subject of metal bending techniques at their next meeting on Wednesday, April 4, 7:30 p.m.

The meeting will be held at the Kern County Library, 131 E. Las Flores Ave., Ridgecrest. All interested persons are in-

wine and cheese will be served throughout the evening.

session; spectators are equally welcome at either one.

o'clock for those who would like to dine out.

purchased at the auction.



IMPORTANT CHECKUP - Drs. Mike Bachman (I.) and Don Reid check Margarita Holingsworth for temporomandibular joint syndrome. This is only one of the numerous health screenings available free during the Health Fair set for April 7 at Burroughs High School. Valley residents of all ages are invited to receive these free health checkups.

Local dentists to be involved in Health Fair planned April 7

A wide range of health problems from unexplained headaches and back difficulties to ear infections can be caused by a littleknown ailment, temporomandibular joint syndrome - and those attending the Health Fair on Saturday, April 7, will be screened for TMJ syndrome by one of the 10 local dentists participating in this event.

The Health Fair will begin at 9 a.m. at the Burroughs High multiuse room and will last until 4 p.m. Those of all ages are welcome to take advantage of the health screenings available including height and weight, anemia, blood pressure, vision, oral cancer, TMJ, podiatry, hearing, and a sophisticated blood chemistry. The only cost will be for the blood chemistry, and that is only \$10 for a test that would be considerably more costly elsewhere.

Dinner-theatre evening set at COM on April 5

Next Thursday, April 5, the Commissioned Officers' Mess will be the setting for another of their entertaining dinner theaters with the production of "I Do, I Do."

The musical comedy will be staged by Almark Productions, of Panorama City, at 8 p.m. following dinner, which will be served from 5:30 to 7:30 p.m.

The cost of the dinner and show is \$15 per person. Reservations are necessary and must be arranged before 4 p.m. on Monday April 2, by telephoning the COM at 446-2549.

Weekend Roundup

Tonight all art lovers are invited to attend an art auction of original paintings spon-

sored by the Women's Auxiliary of the Commissioned Officers' Mess that will take place

at the COM starting at 8 o'clock. A donation of \$1 per person is asked of all attendees, and

The art is being furnished by Royal Art, Ltd. of North Hollywood. It will be on display

The China Lake Desert Dancers will host their ninth annual Lech Lamidbar folk dance

festival tomorrow afternoon and evening at the Burroughs High School multiuse room.

During the a.ternoon, a band called "Crosscurrents" will furnish the music for danc-

ing. Fee to dance is \$1 per person, and spectators will be admitted free. Admission for

spectators or dancers in the evening is \$5 per person; the evening's events include music

by the well-known NAMA Orchestra, and an exhibition of Spanish dance will be

Tonight the Chief Petty Officers' Mess will be serving prime rib of beef from 6 to 9

On Saturday the CPO Mess will be offering a la carte items on the menu at \$1 off the

From April 1 until May 2 the CPO Mess will be closed for renovation work.

Those who like to dance are invited to participate at either the afternoon or the evening

from 6 to 7:30 p.m. Visa, Mastercard, checks or cash will be accepted in payment for art

In addition, women will be shown how to do a self-breast examination, and adults who need immunizations or who need boosters for such immunizations can also receive these free of charge.

Dentists who will be screening for TMJ syndrome or for oral cancer include Drs. Roger Anderson, Mike Bachman, Craig Bare, Harold Bergh, Brent Hanson, Dan Kus, Don Reid, Ralph Rungo, Joe Toomey,

Health Fair Expo, chaired locally by Dan Banks, is a community service promoted by KNBC (Channel 4 in Los Angeles) and funded by Chevron U.S.A., and the Hospital Council of Southern California. Locally, members of Kiwanis have contributed to pay for the use of the multiuse room and adcent buildings at Burroughs to conduct the

The Southern California Chapters of the American Red Cross are providing training for nurses, paramedical and other service groups and will coordinate the screenings of the data that is collected from individuals while the Health Fair is in progress.

A number of volunteers are also needed to help with the Health Fair locally. Anyone who wishes to offer to help either a half day or all day during the Health Fair is asked to contact the local chairman, Dan Banks, by calling 375-7108.

Reservations open for buffet on Easter Sunday

On Sunday, April 22, the Commissioned Officers' Mess will be serving a special Easter buffet dinner from 11 a.m. to 3 p.m.

A choice of three entrees, prime rib of served, along with candied yams, buttered rice, snowflaked potatoes, peas and corn, rolls and biscuits, a salad bar with coldcuts, a special dessert table, and champagne

The cost for this special dinner is \$10.50 for each adult and \$6 for children under 10 years of age.

Reservations are required and tickets must be picked up at the COM no later than April 13. Reservation can be made by calling 446-2549.

Silberberg to be speaker at astronomy gp. meeting

George Silberberg will be the featured speaker at an open meeting of the China Lake Astronomical Society on Monday at 7:30 p.m. at the county library in Ridgecrest, 131 E. Las Flores St. All interested persons are invited to attend.

Silberberg, who is recently retired from the Naval Weapons Center, will talk about the use of solid state image detectors in the extremely low light conditions encountered in astronomy. He also will demonstrate equipment applicable to astronomical observations.

'King of Kings,' silent movie classic, slated at chapel Tues, night

Cecil B. DeMille's silent movie masterpiece, "King of Kings" "will be presented at 7 p.m. Tuesday in the All Faith Chapel as a part of the Easter celebration offered by the NWC Chaplain's Office.

Organ accompaniment for this silent film. which was first released in 1927, will be provided by Rex Koury, one of this country's most popular theatre organ concert artists, who makes his home in the foothills of the Sierra Nevada, near Sacramento,

The movie presentation is open to the public free of charge, but donations will be accepted to help defray the costs connected with its showing.

A reception is planned in the East Wing of the Chapel following the screening of "King of Kings," and both records and sheet music will be available for purchase at that time.

DeMille's classic film production depicts events of New Testament times including the Last Supper, the Way of the Cross and the Crucifixion. Settings and groups are designed to resemble the religious paintings of the great masters.

In the years since its release, it is estimated that a half billion people have seen "King of Kings." During Lent, there are more than 600 prints available, and the film's subititles have been translated into 23

Among the supporting actors in this film is William Boyd, who later gained fame as 'Hopalong Cassidy." He is seen in the role of Simon, who tries to shoulder Christ's cross on the way to Calvary, and finds he can hardly lift it.

Museum schedules Red Rock Canyon nature walk

On Saturday, April 7, starting at 2 p.m., Drs. Pat and Bob Brown-Berry will lead a short nature walk for Maturango Museum members at Red Rock Canyon State Park, followed by a campfire program at 7 p.m. on "Bats of the Mojave Desert."

A barbecue and potluck is planned between the nature walk and the campfire

Reservations are required since participation is limited to 30 people. Reservations can be made by telephoning the museum at 446-6900.









RELATIVELY PEACEFUL MOMENT -Dr. John Zellmer takes a short break from examining the aa lava behind him while Pu' u o belches cinders, rocks and smoke in the background. (This eruption, he says, was only about 150 meters high rather than the 400 meters that bigger ones were estimated

NWC scientists monitor volcanic action in Hawaii

By invitation from the U.S. Geological Survey, Drs. Glenn Roquemore and John Zellmer from the Engineering Sciences Division of the Research Department joined the staff of the Hawaii Volcano Observatory in a training mission related to the science and safety of erupting volcanoes.

The NWC scientists arrived as much of the work related to the two-week eruption cycle of Pu'u o on the big island of Hawaii was being completed, so they had the opportunity to get geared up with Nomex flight suits, gas masks, hard hats and maps before the next cycle began.

During the first week, the scientists studied and used various methods to monitor the volcanic activity.

One of the most important techniques used in studying micro-seismicity and the occurrence of harmonic tremor (noise of gas bubbles in the magma). The magma filling the chamber under the observatory is migrating underground - 20 kilometers horizontal to the eruptive vent named Pu'u o (everlasting hill). As the chamber fills, tilt meters show the gradual bulging on the ground surface in the overlying Kilauea shield volcano. The tilt can be as high as three micro radians per day (a radian equals 57 degrees).

Geodetic measurements including level line and electronic distance measurements are also monitored very closely. Gas content measurements and electrical conductivity measurements are some of the more basic research methods being tested, although all of the techniques used are still considered research because prediction of eruptions is not yet well defined.

The day before the eruption, the geologists were flown by helicopter to the rim of the less-than-one year old volcano. Here they joined a USGS geologist and a geochemist who led them down the neck of the volcano to the thrashing lava pool below to monitor the progress of the lava entering the pool, probably the most precise method of predicting the time of eruption. In addition, they sampled the lava for petrographic analysis, and sampled gases up to the time of eruption. They were also able to experience the use of safety equipment such as gas masks needed in the strong sulphur dioxide environment.

On March 2 at about 4:30 p.m. the geologists were notified that the 16th eruption of Pu'u o had begun. The first glimpse of the eruption showed lava foun-(Continued on Page 4)



NAVAL WEAPONS CENTER

4 Centerites receive Tech Director Award for development of electronic bomb fuze

Four employees in the Electromechanical Division of the Fuze and Sensors Department are the recent recipients of the NWC Technical Director Award in recognition of their successful team effort in the development of an electronic bomb fuze that meets both Navy and Air Force

Singled out for this distinction were Larry F. Brauer, head of the Free-Fall Weapons Fuze Branch (Code 3355), and his fellow team members Bruce Bartels, Ronald J. Cohn, and James Denney (all of Code 3355).

The presentations were made by B. W. Hays before an audience of co-workers of the honorees, as well as Capt. K. A. Dickerson, NWC Commander; Gerry Schiefer, Deputy Technical Director; Richard Higuera, Code 33's Associate Department Head for Technology; and W. C. Smith, head of the Electromechanical

Brauer, Bartels, Cohn and Denney each received an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

"The personnel of the Fuze and Sensors Department have done a number of excellent jobs and are involved in as much hands-on work as any of the technical departments on the Center. This inlivement clearly improves the products that are developed, as well as ensuring that Code 33 remains a 'smart buyer' for many Navy fuze projects," Hays said prior to presenting the Technical Director Awards.

Noting that the four recipients of the TD Award contributed heavily to the success of the FMU-139/B Electronic Bomb Fuze mended them for bringing honor to NWC.

"We said we could to a difficult job, and we did it. The result," Hays added, "has been a contribution to the well-being of this nation's defense effort."

According to M. E. Anderson, head of the Fuze and Sensors Department, who nominated Brauer and his three principal co-workers for the Technical Director Award, their involvement began in mid-1981 after the FMU-117 electronic bomb fuze (a project directed by the Naval Surface Weapons Center at White Oak, Md., and



TEAM EFFORT PAYS OFF - The object of their team efforts that earned them the NWC Technical Director's Award is pointed to by Larry F. Brauer (second from right), who led the successful effort to develop an electronic bomb fuze (the FMU-139/B) that meets both Navy and Air Force requirements. In this cutaway model of the Mk 82 500-lb. general purpose bomb, the fuze is located in the tail fuze well. In addition to Brauer, the Tech Director Award recipients are (I.-r.) James Denney, Bruce Bartels and (at right) Ronald J. Cohn.

intended for Navy use only) failed to pass its million operational evaulation testing in 1978, eight years after it had been started.

Overlapping this effort was the electronic bomb fuze development program (FMU-112) undertaken by the Air Force. The FMU-112 program began in 1970, and is just now entering initial production. Total development costs were approximately \$20.

In comparison, Anderson pointed out, the NWC team from the Free-Fall Weapons Fuze Branch, successfully undertook the task of developing an electronic bomb fuze that meets both Navy and Air Force requirements in a period of less than three years for a total cost of \$11 million

Program, the Technical Director com- NWC honored for assistance to developmentally disabled citizens

Recognition of the Naval Weapons Center for its many contributions to developmentally disabled citizens of the Indian Wells Valley highlighted a dinner meeting held last Friday night at the Hideaway restaurant in Ridgecrest during which new officers of the IWV Association for Retarded Citizens were installed.

Capt. K. A. Dickerson, NWC Commander, was present to accept on behalf of the

CONCENTRATED STUDY — Two USGS scientists peer down the throat of Pu' u o at the

lava thrashing around beneath. (The lava, according to NWC's scientists there, moved

just as though it was being agitated by the movement of a washing machine.)

Center a resolution from the Kern County Board of Supervisors commending NWC for "setting an important example of aiding the handicapped." Bob Brinton, master of ceremonies for the

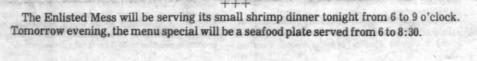
program that followed the dinner, presented a similar proclamation from the City of Ridgecrest to the NWC Commander, as well as a plaque from the IWV Association for Retarded Citizens.

Capt. Dickerson, who was the guest speaker of the evening, noted that he had not been aware beforehand that "this was to be an NWC appreciation night," as he expressed his gratitude for this recognition of the Center's efforts to ensure equal employment opportunity for handicapped individuals.

He appeared most of all to enjoy the gift of a king-size cookie that had been baked and decorated for him by the clients of Sunshine House, activity center for the handicapped. Presentation of the cookie to the NWC Commander was made by Helen Butts, one of the clients who benefits from the Navy's interest in and support of the IWV ARC's many and varied programs.

"The government, in general, and the Naval Weapons Center specifically, have made a concerted effort to incorporate commitment to equal employment opportunity for the handicapped into day-today management activities," Capt. Dickerson stated as he began his talk.

In his review of just what has been done, the NWC Commander reported that the Handicap Program, which was established in 1981 as a collateral duty, part-time (Continued on Page 5)





The problem of child abuse has grown to the magnitude that over 100,000 children fell victims to child abuse in California last year.

Children are the most vital resource of our country. Abused children are prone to perpetuate child abuse as adults. Abused children suffer often with developmental and learning disabilities. Intervention into child abuse incidents help protect children, stabilize families, and reduce crime.

I am deeply concerned about the plight of victims of child abuse and am therefore declaring that the month of April be designated as "Child Abuse Prevention Month" at the Naval Weapons Center. I urge all citizens to promptly report any suspected child abuse by simply dialing 375-7100. You can help save lives and prevent a child from needless pain and suffering.

Capt. K. A. Dickerson, USN NWC Commander

Each year an estimated one million children in the United States are victims of child abuse and neglect. A large percentage are demonstrably harmed and/or sexually exploited.

Capt. K. A. Dickerson, NWC Commander, has declared April as Child

As a police officer for over 27 years, I have seen an ever increasing rate of child abuse. There are no easy answers to solving this problem. A good start is awareness! Each employee and resident of the Center should make a commitment to get involved. For the sake of the child, report all suspected incidents of child abuse. Simply dial 375-7100, the We Can Help hot line, or dial your local police station.

The schools, law enforcement, and medical communities working in concert with trained experts, such as the High Desert Child Abuse Council, can make an impact. The important thing is that we learn of suspected child

I strongly urge you to join with Capt. Dickerson and the China Lake Police Division to help stop child abuse.

James W. Brown, Chief of Police

Variety of activities planned in observance of Secretaries' Week

panel discussion and the traditional Secretary's Day luncheon

Madelaine K. Silva, Federal Women's Program Manager at the Naval Ocean Systems Center in San Diego, will speak on "Positive Professionalism" at the luncheon to be held at the Enlisted Mess at 11:30 a.m. on Wednesday, April 25.

Professionalism has no direct connection with how much education or experience an individual has, according to Ms. Silva, who says that the concept can be carried into one's personal life as well as into a job.

Menu choices at the luncheon are either a breast of chicken with orange sauce or a the Year" awards are planned this year, chef salad, with either costing \$5. Tickets because judging which of the many, highly will be sold by department secretaries and qualified individuals working in those roles by the senior staff secretaries, who will be on the Center has become too difficult. coordinating the lunch.

Other events scheduled during Secretaries' Week include the playing of the Morris Massey tapes, "Where You Are Is What You Were When" from 8 to 11:30 a.m. on Monday, Tuesday and Wednesday, April 23 through 25, in the Training Center. Since tangible way.

A series of activities have been planned at space is limited, those wishing to attend any NWC in honor of Secretaries' Week, April 23 of the three sessions must make reserthrough 27, including the playing of tapes, a vations by telephoning Ava Whitman in the EEO office, NWC ext. 3129.

> Also requiring a reservation will be attendance at a panel discussion to be held from 1:30 to 3:30 p.m. on Wednesday, April 25. The panel will be coordinated by Pat Gaunt, department secretary for the Technical Information Department, and will feature secretaries or former secretaries or clerks who bring a variety of experience to their work.

Anyone who wishes to attend the panel discussion should also telephone Ms. Whitman to make a reservation.

No "Secretary of the Year" or "Clerk of

Instead, everyone on Center is asked to consider how they can creatively honor the individual filling that role in their own organization - perhaps through providing equipment needed, training desired, decreasing office stress or in some other

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake

> Captain K. A. Dickerson **NWC Commander**

B. W. Hays Technical Director

Dennis Kline

Public Affairs Officer Don R. Yockey

Mickey Strang

PHAN Rebecca Gill PHAN Greg Hogan Staff Photographers



Photographs

Tuesday, 11:30 a.m

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Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dep 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 he Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 4:30 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 ecruiting 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 qualifications requirem 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 grade 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 reason

Announcement C-62-22, Electronics Technician, DT 856-1/2, PAC 82 62 575, Code 62353 — This position is located in the ALRITE Section of the Range Development Branch, Range Department. The section is responsible for the assembly, operation, repair and maintenance of the ALRITE laser tracking system to support range tests. The imbent will be expected to learn to work with laser transmitters and receivers, servo system controls, optics and data processing and recording systems. Job Relevant Criteria: Basic knowledge of digital and analog electronics, Cine-Sextant tracking mount operation and maintenance, video and film systems and lasers. Willingness to obtain education in these areas. Status

eligibles may apply.

Announcement No. 26-027, WG-3817-719, JD No. 612N, Code 26441 — This position is located in the Electric Support Branch, Maintenance Utilities Division, Public Works Department. The incumbent installs, opens and repairs all ypes of locks. Makes keys, and changes combinations of locks. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of equipment assembly, installation and repair; technical practices; ability to interpret instructions, specifications etc.; ability to use and maintain tools; knowledge of materials; troubleshooting. Status eligibles may apply Supplemental is required and may be picked up at the receptionist desk of the Personnel Bldg. 505 Blandy, Room

ent No. 26-020, Industrial Equipment Mechanic, WG-5352-10, JD No. 373, Code 26423 - This position is located in the Maintenance-Utilities Division, Public Works Department. The incumbent installs, overhauls, repairs, maintains, "alters as needed" machine shop equipment, power plant equipment, hydraulic systems and equipment, a variety of other systems and equipment. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision technical practices, trade theory, and troubleshooting; ability to use precision measuring instruments and test equipment; ability to use machine tools, hand and powered ools, and related equipment; ability to read and interpre blueprints, instructions, specifications, etc. Note: A mental Qualifications Statement is required and may be picked up at the Reception Desk, Room 100 of the

Personnel Building. Status eligibles may apply. cement No. 34-006-84, Editorial Assistant, GS-1087-5/6, PD No. 8434006N, Code 3464 - This position is ocated in Field Branch 5, Field Service Division, echnical Information Department, in the Code 12 area. and proofreading services for a variety of technical for the preparation and accuracy of final camera-ready copy for reports produced in the branch. Job Relevant Criteria: Familiarity with NWC Style Guide and with pertinent DoD and Navy directives. Knowledge of the English language, grammar, spelling, use of abbreviations, and proofreading techniques; ability to prepare and lay out manuscripts in proper format; knowledge of composing machines; ability to work accurately under pressure of deadlines. Promotion potential

t No. 39-013, Electronics Technician, DT-856-1, PAC No. 8139636N, Code 3925 — This position is in the Remotely Piloted Vehicle (RPV) Technology Branch. The cumbent will participate as part of a development team n the design and fabrication of prototype hardware for aircraft targets on RPV technology development projects. incumbent will fabricate and test electrical and electronic assemblies and systems for aircraft and RPVs. Job Relevant Criteria: Qualified to solder to the NWC WS6536D soldering standard or demonstrated ability to be qualified; general knowledge of microprocessor system,

Secretarial opportunities

for which the duties and job relevant criteria are generally similar. Secretaries serve as the principa derical and administrative support in the designated organization by coordinating and carrying out such ctivities. Secretaries perform numerous tasks which may be dissimilar. Positions at lower grades consist orimarily of clerical and procedural duties and, a ositions increase in grades, administrative functions secretaries apply a considerable knowledge o organization, its objectives and lines of con nunication. Depending on grade level, typical secretary duties are implied by the job relevan criteria indicated below.

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. elemental form is required and may be obtained a Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephon duties: ability to review, control, screen and distribute ncoming mail; ability to review outgoing lence; ability to compose corresponder and/or to prepare non-technical reports; knowledge of ling systems and files management; ability to me the administrative needs of the office: ability to train clerical personnel and organize workload of clerical staff processes; ability to plan and coordinate travel arrangements; ability to maintain and coordinate ervisor's calendar and to arrange conferences

7/8, PD No. 8000041, Code 01 - Incumbent is secretary to the NWC Technical Director. See complete text of adement in "Promotional Opportunities" column. If filled at the GS-7 level, this position has potential to GS-8 but promotion is not guaranteed. Status eligibles may

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

digital and analog electronic circuits; general knowledge of electronical and avionic systems. Status eligibles may apply. Promotion potential to DT-3.

March 30, 1984

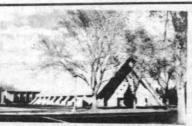
cement No. 39-012, Clerk-Typist, GS-322-2/3/4, PD No. to be assigned, Code 39E — Incumbent provides clerical support to the head, Advanced Projects Office, located in the Weapons Department. Secret clearance is required. Job Relevant Criteria: Knowledge of office procedures and processes; knowledge of NWC procedures and instructions used in the preparation of time cards. purchase requests, and travel orders; ability to operate Announcement No. 35-009-84, Interdisciplinary (Elec

tronics Engineer, Physicist, Mathematician, Computer Scientist), DP-855, 1310, 1520, 1550-2/3, Code 3511 — This position is that of software engineer in the High Speed Anti-Radiation Missile (HARM) Software Support Activity (SSA). This effort is provided as part of the Computer and Software Systems Branch, which also has project responsibilities including software tool developmen software project management, and software technology development. The incumbent performs as a member of the team responsible for all fleet delivered HARM operational software. The team also provides requirements for soft ware testing, documentation, and data reduction tools for the facilities section. The incumbent would be responsible for performing operational software analysis, design, development, testing, and evaluation. The branch actively uses software development and documentation guidelines. The user environment includes numerous software engineers involved in various aspects of project development emphasizing structured analysis and design Emphasis is placed on tools for productivity enhancement Hardware, in addition to missile and avionics, include multiple VAX processors augmented by super-micros and array processors where required. Some experience with real time assembly language is preferable. Job Relevant Criteria: Ability to use a professional engineering ap proach to the development of software; ability to effectively interface and communicate orally and in writing with personnel at NWC and with off Center sponsors and contractors; experience designing and writing structured code in at least one High Order Language.

ment No. CS-845, Public Affairs Specialist, UA-1035-5, \$13,837 per annum, PD No. 84C\$101N, Permanent Full-Time, plus benefits, Code 224—NOTE: This is not a civil service position-This position is located in the Recre ation Services Department, Community Services Division Incumbent heads the Entertainment and Publicity Branch develops and coordinates Recreation Service's publicity and promotional programs, and has responsibility for the Information, Ticket, and Tour Office and the Cente Theatre. Incumbent supervises one full-time and six intermittent employees. Job Relevant Criteria: Knowledge of journalism and ability to communicate in writing enowledge of graphics; knowledge of public relations and ability to meet and deal with others; knowledge of ecreation programs; ability to make oral presentations ability to plan and organize; and the ability to supervise Promotion potential to UA-6. Previous applicants need no eapply unless they wish to submit additional information

ncement No. 31-028, Supervisory General, Elec tronics, Electrical Engineer, Computer Scientist Physicist, Mathematician, DP-801, 850, 855, 1310, 1515, 1550 1520, 3/4, Code 3112 — This position is that of branch head. A-6 Facility Branch, Avionics Facilities Division, Aircraft Weapons Integration Department. The branch develops support the A-6 Weapon System Support Facility (WSSF) system development, weapons system, integration, validation, architecture, hardware engineering, facility software engineering, and simulation software. The incumbent will serve as branch head and provide overall tivities. Job Relevant Criteria: Knowledge of Weapons nts; an understanding of avionic facilities hardware and software analysis, design, and operations. experience in embedded computer applications and productivity enhancements, including hardware and chitecture and applications. It is imperative that the incumbent have a basic committment to EEO, and an ur derstanding of NWC personnel policies and procedures Only current DP-3s and 4s may apply. If filled at the DP-3 level, this position has promotion potential to DP-4, but is not guaranteed

(Continued on Page 7)



DIVINE SERVICES

PROTESTAN Sunday Worship Service Sunday School (Annexes 1, 2 & 4) Sible Study (East Wing, Wednesdays

ROMAN CATHOLIC Sunday Mass Daily Mass (except Sunday)

Religious Education Classes (Annexes 1, 2 & 4) JEWISH Friday (East Wing)

UNITARIAN Sunday (Annex 95, as announced)

1630-1700 Friday 0745-0815 Sunday 1000 Sunday



OFF AND RUNNING — Despite a strong wind that made for less than ideal running conditions, nearly 30 runners participated in the Over-the-Hill Track Club's 5 kilometer brown bag lunch race. The runners are still bunched up after just leaving the starting line at the NWC Federal Credit Union on King Avenue. — Photo by PHAN Rebecca Gill

Burroughs High boys' basketball teams hailed at awards banquet

Players and coaches responsible for the Class 2-A playoff competition, where (after an awards banquet held Monday night in the BHS multi-use room

The past season was especially fruitful for boys' teams from Burroughs. Not only did the varsity win the Golden League championship for the sixth year in a row, but the jayvee and freshman hoop squads were Golden League co-champions in their divisions of play as well.

This is the first time anyone can recall this has happened in the history of the local high school.

The BHS varsity hoopsters, coached by Larry Bird (assisted by Bill Campbell) stuttered a bit during the pre-league season, but then settled down to run off seven straight Golden League wins. They then finished the reason with two smashing victories after losing their only league tilt to Antelope Valley.

The Burros varsity hoopsters took their 10-1 league record into post season CIF

Youth soccer . . . (Continued from Page 6)

and the Aztecs and Earthquakes battled to a

Disciplined play by the Lancers, who played their positions and stayed in their zones, paid off with a 5-0 win over the Cosmos. Mike Matson tallied twice, while Steve Sticht, Jon Rae and Chris Cox hit one goal each for the winners.

Chris Marshall's three goals combined with two more by Steven Lundwall played a major role in the Timber's 7-0 win over the Strikers. Adding icing to the cake were one goal each by Jamie Scholl and Loren Letsche, also of the Timbers.

Three low-scoring games scoreless ties were played by the 1st and 2nd graders who are vying on the Youth Soccer League's Division 1 teams.

Sean Waldron and Tory Flores, who scored one goal each, led the Fury to a 2-0 win over the Rowdies.

by the identical score of 1-0 over the Express and Cobras, respectively. In a fast-moving contest, Shawn Letsche broke through for a goal that gave the Eagles a win at the expense of the Express.

It was midway through the second half before Michael Fredrick found an opening and tallied the game's only goal in the Coyotes' 1-0 win over the Cobras, who just missed a goal that would have tied the score later in the game.

Burros baseball . . .

(Continued from Page 6) a final score of 9-3. Nine walks issued by the Ridgecrest team's pitchers were costly to

the Burros, as six of them resulted in runs. The Burros, who outhit Saugus 10-6, were led at the plate by Mark Kaupp's double and two singles in four times at bat, and by Kevin Blecha, whose two singles in four atbats accounted for two runs.

highly successful 1983-84 boys' varsity, three straight victories - two by the margin junior varsity and freshman seasons at of a single basket) they lost to Workman Burroughs High School were honored during High, the eventual champion in this division, by a single point.

Varsity team special awards presented during the banquet were garnered by Daniel Means, Danny Grattan, Allen Celestine, Mike Bailey, Monte Zarlingo, Joe Day, and

Means, the team leader and top scorer (averaging 21.8 per game), was chosen for the second year in a row as the Golden League's most valuable player. He led the 1983-84 Burros in assists with 196 and has a three-year career high of 517 assists to go along with his school record of 1,544 points during his playing days at Burroughs.

Among the guests at the boys' basketball awards banquet was Ron Adams, assistant coach at Fresno State University, where Means is scheduled to continue his education and athletic career after he is graduated from Burroughs.

Grattan was singled out as the BHS varsity's top rebounder; Celestine had the best field goal shooting percentage; Bailey's 76.3 percent accuracy earned him an award as the team's premier free throw shooter; Zarlingo, a straight A student, won the scholastic award; Joe Day was singled out as the most improved player, and Markarian was chosen to receive the coaches' award for his unselfish attitude and hardworking desire.

T-shirts, letters, and photographs were among the other awards presented to all members of the varsity squad.

The BHS freshman and jayvee basketball teams finished their league seasons with records of 8 wins, 2 losses and 9-1, respectively. Coaches Bill Campbell (freshman) and Frank Mazer (jayvee) presented letters and other awards to their charges.

VX-5 Vampires win Commander's Cup The Eagles and Coyotes both posted wins bowling tournament

An 8-member bowling team representing the VX-5 Vampires emerged as the winner of the Commander's Cup tournament held on March 21 at Hall Memorial Lanes.

The tourney format called for all bowlers to roll six games, with the win going to the team with the highest total pinfall.

The VX-5 Vampires, who compiled a total of 8,0007 pins, were led by John Ball's sixgame score of 1.156.

The NWC Gold keglers placed second with 7,583 pins, while NWC Blue trailed with 7,107. The top individual bowlers for Blue and Gold, respectively, and their scores, were Dave Reimers, 1,092, and Randy Antazio, 1,083

Current standings in the Commander's Cup athletic competition, following the bowling tourney, are NWC Gold in first place with 23; VX-5, second with 21, and NWC Blue bringing up the rear with 19

Despite strong wind, 29 runners participate in OTHTC 5-km. race

sponsored by the Over-the-Hill Track Club (OTHTC), drew a field of 29 hungry runners at mid-day on Wednesday, March 21.

A terrific westerly wind, which blew into the runners' faces for half of the run, helped arouse appetites but contributed to slow times for the race. The event started and finished at the NWC Federal Credit Union building on board the Center, and included a tour of the stables area and return.

After the race, the runners dove into their choice of homemade sandwiches, chilled fruit and gourmet cookies. The favorite lunch fare turned out to be a turkey and Swiss cheese on sourdough bread, garnished with lettuce and alfalfa sprouts, Dave Rugg, the race director, reported.

The top five runners in the race, and their times, were: Elias Diaz, 18 min., 38 sec.; Kevin Popeck, also 18:38; Gill Cornell, 18:58; Joe Oliver, 19:44; and Benjamin Herrera, 20:03.

The only woman runner to compete in the race was Jerry Mumford, who ran the 5-km. course in 24:16. She had her choice of 20 brown bag lunches that had been reserved for women entrants. The lunches didn't go to waste, however, but were gobbled up by the

The next OTHTC event will be a 15

A brown bag lunch 5-kilometer run, kilometer ridge run on Saturday, April 14. This race will get underway at 9 a.m. from the parking lot at Cerro Coso Community College.

Bill McBride, the race director, has laid out a new and what he calls "a breathtaking course." There is no entry fee. All distance runners are invited to join in the

Tennis instruction for adult beginners will start April 10

Registration is now being taken at the Center gym office for an adult beginners' tennis class that will be held on Tuesdays and Thursdays, from 6 to 7:30 p.m., starting on April 10.

The class, which will be taught by Dave Feldman, will be held at the China Lake tennis courts on King Avenue. Stressed will be fundamentals of the game, including rules of play, strategy, development and refinement of basic skills, and court

There is a fee of \$35 for 10 lessons that is payable at the Center gym office at the time of registration. Additional information can be obtained by calling NWC ext. 2334 or 2571.

-Promotional opportunities-

incement No. 31-019, Interdisciplinary General Engineer-801, Electronics Engineer-855, Computer Scientist-1550, Physicist-1310, Mathematician-1520, Aerospace Engineer-861, Mechanical Engineer-830, DP-2/3, PAC No. 8431600, Code 3194 — This position is located in the F/A-18 Project Branch, Systems Engineering Divi Aircraft Weapons Integration Department. The F/A-18 Project Branch is responsible for the real time software perating on the F/A-18 aircraft. Specially, the branch upports the software on the two main mission computers, the radar computers, the stores management computer and the air data computer. The incumbent will become amiliar with the real time software running on the two n mission computers, and be responsible to modify, test, and analyze software. The incumbent will be esponse to Fleet needs. Software testing will be done with he use of project aircraft, a simulation laboratory, and other test resources. Job Relevant Criteria: Knowledge of tactical embedded computer systems, including applicable support environments; knowledge of aircraft and/or avionics systems; knowledge of digital system design and multi-disciplined group of engineers, technicians and orally and in writing.

Scientist 1550, Physicist 1310, Electronics Engineer 855, Mathematician 1520, DP-2/3 PAC No. 8431611 - This position is as a software engineer in the Software Development Section which is located in the F/18 Facility Branch, Avionic Facilities Division of the Aircraft Weapons Integration Department. The F-18 Facility Branch provides the simulation/integration test en vironment and workstations for the development, test, validation, verification and modification of operational flight programs exercised in the F/A-18 aircraft. The insumbent will be responsible to the Section Head for the elopment and implementation of F-18 WSSF real-time simulation and support software. The prime function of this position will be to analyze, design, code, test document, and maintain F-18 WSSF software. This software includes mathematical models, operating systems application software that are to be developed for WSSF laboratory workstations. The incumbent will be required to conduct software design reviews and walkthroughs with Center and contract personnel. Job Relevant Criteria: Knowledge of avionic systems; ability to plan, schedule, and coordinate technical work as a part of a major project; ability to communicate well, both orally and in writing; experience in formalized software engineering development and maintenance standards and practices such as Yourdon; experience in Fortran and other HOLs; experience in DEC PDP and VAX oprating systems and utilities. If the position is filled at the DP-2 level, promotion potential will be to a DP-3, but is not guaranteed.

nent No. 31-022 Interdisciplinary, Computer Scientist-1550, Physicist-1310, Electronics Engineer-855, Engineer-801, Aerospace Engineer-861, PAC No. 8431604 DP-3, Code 3105 - This position is located in the A-7/AH-1 Weapon System Support Activity Program Office, Aircraft Weapons Integration Department. This Project Office is responsible for providing detailed engineering support to NAVAIR on the A-7E and AH-J/T onboard tactical computer systems and Operational Flight Programs Including veapons system integration. The incumbent will be the A-7 Weapons Integration Project Engineer responsible for providing engineering team management and acting as a central point of contact in the technical planning. scheduling, budgeting and coordination for the integration and test and evaluation of the IIR Maverick, Skipper, ALQ-162 and FMU-140 into the A-7E aircraft. The incumbent will also be responsible for coordinating the evaluation of contractor software and hardware integration efforts. Job Relevant Criteria: Ability to provide leadership to a multidisciplined group of engineers, technicians and computer scientists; ability to communicate well, both orally and in writing; ability to plan a project from concept to completion; knowledge of test and evaluation techniques for integrated avionic weapon systems employing embedded

cement No. 31-025, Electronics Technician, PAC 856-2, PAC No. 8431620, Code 3111 - This position is located the A-4/AV-8B Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department, Thi branch is responsible for the development, operation repair and maintenance of the A-4/AV-8B workstation The incumbent will be provide support for users of the workstations; maintain, troubleshoot and repair electron ssemblies; provide support for aircraft interfaces; build special purpose hardware, cables, and subassemblies as required. Job Relevant Criteria: Ability to troubleshoot electronic circuits using schematics and repair manuals; ability to lay out and wire various electronic interfaces knowledge of electronic components and devices; knowledge of aircraft cabling and subsystems. This position has promotion potential to DT-3, but is not guaranteed.

cement No. 00-006, Secretary (Typing), GS-318-1/8, PD No. 800041, Code 01—incumbent is secretary to the NWC Technical Director and will fulfill the role of office manager for the Technical Director and his immedia staff. As such, the incumbent will apply a considerable knowledge of the organization, its objectives, sponsors, and lines of communication. Duties of the position include effective interaction with all levels of personnel both internal and external to NWC; exercise of appropriate protocol when dealing with official visitors up to and in-cluding the Assistant Secretary level; independent composition of grammatically correct, well-written letters, nemoranda, messages and other correspondence for ssuance by or in behalf of the Technical Director; ent of the calendars and schedules of office members; planning and coordination of travel arrangements; and direction of the activities of a subordinate secretary. Successful execution of these respon sibilities will require that the incumbent possess a capacity to work effectively under pressure, an availability for long work hours, and a high tolerance for ambiguity in the work environment. Job Relevant Criteria: Ability to serve as principal assistant/manager of an office; ability to arrange travel, conferences, and meetings; ability to locate and assemble information for reports, meetings and conferences; ability to compose indence; skill in applying protocol when dealing with high level officials and visiting dignitaries. A supplemental qualifications statement, prepared specifically for this position, is required and may be obtained from the

Scientist, 1550. Physicist-1310. Electronics Engineer-855. Engineer-801, Aerospace Engineer-861, PAC No. 8431605 DP-3, Code 3105 — This position is located in the A-7/AH-Weapon System Support Activity Program Office, Aircraft Weapons Integration Department. This Project Office Is responsible for providing detailed engineering support to NAVAIR on the A-7E and AH-1J/T onboard tactical computer systems and Operational Flight Programs including weapons sytem integration. The incumber the AH-1J/T Weapons Integration Project Enginee responsible for providing engineering team management and acting as a central point of contact in the technical planning, scheduling, budgeting and coordination for the integration and test and evaluation of the Hellfire, Sidewinder and Stinger into the AH-IJ/T aircraft. The incumbent will also be responsible for coordinating the evaluation of contractor software and hardware integration efforts. Job Relevant Criteria: Ability to provide leadership to a multi-disciplined group of engineers technicians and computer scientists; ability to com-municate well, both orally and in writing; ability to plan a project from concept to completion; knowledge of test and evaluation techniques for integrated avionic weapon systems employing embedded digital computers.

Announcement No. 31-026, Electronics Technician, PAC No. 8431619, DT-856-2, Code 3111 - This position is located in the A-4/AV-8B Facility Branch, Avionic Facilities Division, Aircraft Weapons Integration Department. Th branch is responsible for the development, operation, repair and maintenance of the A-4/AV-8B workstations The incumbent will be responsible for the layout and assembly of various electronic subsystems; assist in analysis and checkout of subsystems; prepare drawings and wirelists; maintain, troubleshoot and repair electronic interfaces. Job Relevant Criteria: Ability to read schematics and make up wire lists; ability to perform wire-wrapping, lay out components, test and verify devices; knowledge of test equipment. This position has the promotion potential to DT-3 but is not guaranteed

Scorpions '68 post win over California **Express of Azusa**

The Scorpions '68, youth soccer team from Ridgecrest, is off to a good start in the Inland Empire Youth Soccer League (IEYSL) after winning its second straight game in spring season competition.

Hosting the California Express of Azusa squad last Saturday afternoon, the Scorpions came away with a 3-2 win in what was a hard-fought contest.

With 21 minutes left to play in the second half, Bill Ledden hit a penalty kick goal that broke a 2-2 deadlock and resulted in a win for the Scorpions

This victory for the Ridgecrest team kept the local squad in a tie for first place in the East Division of the IEYSL with the Riverside Devils, who crushed the East Foothill Rowdies of San Bernardino 10-0 on Satur-

The Scorpions '68, coached by Karl Kauffman, put the first 40 min. of play against the California Express squad to good use by piling up a halftime lead of 2-0.

The first goal came at the 14-min. mark, when Brian Hayes, fullback for the Scorpions, lobbed an air ball that was controlled by Scott Piri. The latter passed the ball through to Billy Hugo, who fired it into the

Still in the first half, the Scorpions went up 2-0 on pass from Piri to Ledden, who lobbed the ball over the head of the Express goalie

The California Express from Azusa came out rolling in the second half and tied the score at 2-2 on two goals in the first 12 minutes of action. One goal was scored following a scramble in front of the Scorpions' net, and the second was tallied on a penalty kick.

Coach Kauffman reports that the Scorpions '68 squad is continuing to play good soccer. "Our midfield has been aggressive and pressing this season, and this has been paying off in ball control on our part, and stealing the ball away from opposing players."

The Scorpions also are being helped by the midfield play of Scott Hannon, Doug Dragovich, Piri, Ledden, and sometimes

igo, who have learned to hustle back to er positions of defense. The result has been a sizable reduction in the number of shots taken at the goal by opposing teams,

Lasers get win, tie in Youth Soccer League play

ing's play in the Youth Soccer League's Division IV by shutting out the Bandits 3-0, but then had to settle for a 1-1 tie in their second contest of the morning with the

In the only other Division IV tilt (for 7th through 9th grade players) the Bandits defeated the Hotspurs by a score of 3-0.

Two goals by Brian Lindsey and one by Bob Nelson accounted for all of the scoring in the Lasers' win over the Bandits. David Higgins, goalie for the Lasers, played a good game and was instrumental in the shut out posted by his team.

Higgins' opposite number - Paul Grenier, goalie or the Bandits - blocked a penalty kick to prevent another goal by the Bobby Eichenberg, assisted by Peter a goal. The Sting came back to tally two

Going against the Hotspurs, the Lasers the Sounders. broke through for just one goal that was Results of two other Division III games kick-to down the Blizzard 3-1. their own as the game ended in a 1-1 by scores of 6-0 and 7-0, respectively.

Burros seek first league win against Quartz Hill

The Ridgecrest team tied the score in the

single by Tim Lewis, who stole second base

and advanced to third on a wild pitch that

got past the Palmdale catcher. A sacrifice

fly hit to the outfield by Steve Barkley

enabled Lewis to score from third - tying

Truitt shut out the Falcons during their

next three turns at bat, but the Palmdale

team tallied the game-winning run in the

sixth. The Falcons had runners on first and

third with one out when Clint Lorack

Barkley, the BHS short stop, moved over

to second hoping to initiate a double play

that would end the inning, but the throw

from third base got by him and Tami, lead-

off batter for Palmdale who had singled to

Palmdale half of the sixth inning, with no

more damage being done, but the Falcons

strategy then called for a squeeze play with

This move backfired, however, when the

A strikeout and a fly ball ended the

get on base, scored from third.

had regained the lead 3-2.

Kevin Blecha at bat.

stabbed a slow roller toward third base.

ROCKETEER

Burroughs High School varsity baseball Haleman also drew a walk that forced in grounded out to end the game. team will host the Quartz Hill Rebels in a Allen with the first run for Burroughs. game that will get underway this afternoon

The Burros, who are winless in their first four league starts, showed definite signs of improvement Tuesday at Palmdale, where they were edged 3-2 by the Falcons.

Jon Truitt went all the way on the mound for the Ridgecrest team, giving up only three hits, but the nod in this pitcher's duel went to Lorin Jundy, hard-throwing hurler for the Falcons. Jundy not only pitched a good game, but also hit a home run with a

Jundy's circuit clout came in the first inning and drove in Craig Tami, the Falcon's lead-off batter, who drew a walk and was sacrificed to second base before the Palmdale pitcher came to bat.

Truitt got out of trouble by forcing the next two Palmdale batters to ground out, but the Falcons were out in front with a 2-0

The Burros chipped away at this lead scoring one run each in the second and third innings to tie the score — only to have the Falcons break through with a single run in the bottom of the sixth that won the game

In the BHS half of the second inning, Jundy had trouble controlling the ball after getting the first Burros' batter on a ground out and the second on a strike out.

At that point, the Palmdale pitcher issued



EARTHQUAKES CONTROL BALL — Two midfielders for the Earthquakes — Matt Barney (back to camera) and Ryan Christensen — close in on the ball during this bit of action in last Saturday's Youth Soccer League contest between the Earthquakes and the Aztecs. The Aztecs' player nearest to the ball is Danny Moldenhauer (at right), a halfback, who is in a race for the ball with Dawn Childs, a forward for the Earthquakes (in background). The game between these two Division II teams ended in a scoreless tie.

Four players - Jacob Gieger, Joe Kitchens, Matt Duncan, and Paul Hastings - Mark Frisbee (with 3), and Will Freeman scored one goal each for the Roughnecks, while Jacob Gieger, who held down the goalie position in the second half, helped the Roughnecks clinch a victory by stopping

several scoring attempts by the Diplomats.

The two goals for the Diplomats were tallied by Danny Hobson in what was an action-packed game on offense for both

In another hard-fought Division III tilt, and Brad Bays got in on the scoring with one the Rogues edged the Sounders, 2-1, on the goal each for the Drillers. strength of one goal each by Jacob Jones Martinez, chalked up the lone goal tallied by

tallied by Jason Bumgardner, but the were lopsided wins by the Whitecaps and Hotspurs also countered that with a score of Tornadoes, who defeated the Kicks and Surf by Robbie Stark, while it was David Bartels.

The Roughnecks and Diplomats staged a and scored four goals for the Whitecaps in half. real duel, but the decision went to the their victory over the Kicks. In addition, Roughnecks by a score of 4-2 in this mid-day Mike Kinne and Tim Pogge also hit one goal game between two opposing teams in each, and Pogge was credited with an assist

The Tornadoes' scoring parade was led by (with 2), while Sean Bennett and Dean Waldron hit 1 goal each. In the scoring assist department, the leaders for the Tornadoes were Jay Frederick, Sean Bennett and Marc Frisbee with 2 each.

The Drillers combined a strong offense and good defense to post a 2-0 win over the Sockers in Division II action between teams of 3rd and 4th graders. Jared Christensen

A scoreless deadlock between the Sting and Jeff Flower. Lance Kilpatrick was a and Blizzard ended during the last minute of standout on defense for the winners, while play in the first half when each team scored second-half goals - the first with only 3 min. left to play and the second on a penalty

All three of the goals for the Sting were hit assisted by Luke Smith, who accounted for Armando Valdivia dominated the game the single goal by the Blizzard in the first

Scores of other Division II games were Lancers 5, Cosmos 0; Timbers 7, Strikers 0; (Continued on Page 7)

Winding up the first of three rounds of Golden League play this season, the Daniel Means to load the bases. Ray home plate, was tagged out. Blecha then

March 30, 1984

Jundy, Palmdale's game-winning pitcher, gave up five hits and struck out eight, while third inning, which began with a lead-off Truitt, the BHS hurler, was tagged for just three hits, struck out three and walked three. In addition, the Burros were charged with two fielding errors.

Last Friday at Saugus, the BHS varsity nine came out on the short end of a 9-3 final

The Burros showed a sample of their power at the plate by scoring two runs on two singles and two doubles in the first inning at Saugus. After that, however, Mike Bible, ace pitcher for the Centurions, held the BHS team to just one run on five hits.

Haleman, lead-off batter for Burroughs, singled to start the game at Saugus. He was followed to the plate by Daniel Means, who drove a hit-and-run single to the outfield.

Haleman held up at second base, however, and Darrin Clodt, who was put in to run for him, was picked off at second base for first out of the game. Means moved to second base on a ground ball out off the bat of Mark Kaupp before a double by Kevin Blecha drove in Means.

The Burros threatened to score during Another double, this time by Tim Lewis, their last turn at bat when Haleman led off enabled Blecha to score before Bible settled with a double and was sacrificed to third down and retired the side. base by Mark Kaupp. BHS coaching

The Burros were unable to duplicate their first inning feat and scored just one more run on five scattered hits. The score was tied at 3-3 when Saugus blew the game wide open with a 6-run surge in the last half of the

The ill-fated sixth began with David Hawkins, BHS pitcher, being tagged for a single by the lead-off batter and then issuing a walk to the next batter.

Larry Jeffries, put in to relieve Hawkins on the mound, gave up a bunt single that loaded the bases before Bible took things into his own hands by hitting a homerun that gave Saugus a 7-3 lead.

Before the dust had settled at the end of the sixth inning, the Centurions scored two more runs to win the game, going away, by (Continued on Page 7)

Thrifty Wash aided by Sport Shack in boosting league lead

A healthy assist by the lowly Sport Shack squad (ranked ninth in the 10-team Premier League) enabled the Thrifty Wash team to pad its lead to 281/2 points over the second place Hideaway keglers during Monday night's action at Hall Memorial Lanes.

While the league leaders garnered a 16-9 win over the Modern Trophy team, the Sport Shack bowlers outscored the Hideaway 19-6 in the matchup between the second and ninth place teams.

The Elks Lodge keglers closed in on the second place Hideaway squad by posting both the high team game (1018) and high team series (2847) for the night.

Individual honors were nailed down by Gary Barnes and Ken Dalpiaz, both of whom had a triple 200 series to their credit. Barnes rolled a 665 series that was built on single games scores of 231, 210 and 224. Dalpiaz wasn't far behind with a 649 series that included sigg'e game totals of 208, 224

Jim Bowen was the only other Premier League bowler to top the 600 series mark as he rolled a 3-game total of 617.

In addition to Barnes and Dalpiaz, others with single game scores of more than 220 were Bowen and Dick Reymore (233), Glen Collins (226), Aaron Kane and Floyd Hoisington (223), Ernie Lanterman (222), and George Barker (221).

Current standings in the Premier League

hrifty Wash	404.5	 270.5
ideaway	376	 299
lks Lodge	373	 302
uggy Bath	353.5	 321.5
odern Trophy	343.5	 331.5
seph's Italian Gardens	321.5	 353.5
ne Place	309.5	 365.5
aytheon Sidewinders	299.5	 375.5
ort Shack	298.5	 376.5
ympia Beer	298.5	 379.5

The Skipper sez



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 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 ntent that this column be used to subvert normal, established chain-of-

Military Dependent - In response to the rumors that have been flying around this base that military dependents are no longer eligible to live on Center while their spouses are assigned to a ship, because of the housing situation — I'd like to know why there is no housing available. Couldn't they at least move us out in

We, as military, have to live from paycheck to paycheck, and I think it would be wise if we could stay here. It is military housing, and I think it is only fair that dependents should be able to stay here until military housing opens up, say, in San Diego. I wish you could address this because a lot of rumors are flying around, and a lot of military people are very unhappy about it. Thank you.

The housing picture here on the Center has been changing quite rapidly in the last year. We have gone from a period in which there were excess units to today when we have waiting lists. First, let me explain what the basic rules are, as imposed by a Chief of Naval Operations instruction.

Normally, eligibility for Center housing ceases upon date of detachment and, in addition, you cannot be on a waiting list at some other station while occupying Navy quarters here. When we were in a period of surplus housing, it was possible certain hardship cases, to allow dependents to remain in Center housing while the sponsor was detached, and occasionallly, in hardship cases, it has been possible to get a family on a waiting list at another station while in quarters here at the

Permanent Change of Station (PCS) orders move family from one duty station to another. A move to Ridgecrest is possible, but would use up this entitlement and a subsequent move to new duty station would then be at the mover's own expense.

Hardship cases still receive the special attention they deserve, and those people who need help should avail themselves of the system. I believe you will find no other duty station as accommodating with regard to housing as you have found here at NWC.

QUESTION

Civilian Employee - I was wondering who set up the policy on base for the clubs and the theater to require customers to provide their Social Security number when cashing a personal check. There is a sign posted at these places that states that the Social Security number is needed for identification.

The front part of my Social Security cards says, "For Social Security and tax purposes. Not for identification." How does a Social Security number prevent a bad check from being written? Aren't they aware that the Privacy Act prevents the Social Security Administration from releasing information? Also, what's to prevent someone from putting down a false Social Security number on the check?

People are not required to carry their Social Security card. I find it quite odd that this method is being used to prevent bad checks from being cashed. The solution is to require a check guarantee card. That's what they're for. Thank you.

Navy regulations (paragraph 514.3.C of NAVSO P-3520) requires customers to provide their Social Security number when cashing a personal check. As required by the Privacy Act of 1974, any request made to check cashers for disclosure of Social Security numbers or other personal information must be accompanied by a Privacy Act statement posted near the cash register.

A sign has been posted at all check cashing locations stating: "Note to check cashers: disclosure of Social Security number and other personal information is mandatory if you wish to cash a check. All information furnished will be used to identify, to this activity, writers whose checks have been returned unpaid. Request for this information is made pursuant to the authority of Title 5, U.S.C., Section 301 and Title 10, U.S.C., Section 5031.

Deadline near for enrolling in course on 'Managing in 80s'

Managers, supervisors, and decision makers are encouraged to register for a course entitled "Managing in the Eighties" to be taught by McFletcher Associates from 8 a.m. to 4 p.m. daily April 30 through May 2.

Emphasis during this course is placed on understanding the nature of the changing work force, how organizations become the way they are, and how managers at all levels can help their organizations adapt to a changing world.

The program is designed for those currently in management or supervisory positions such as department heads, division and branch heads who have had at least two years of experience in these positions, as well as project managers and administrative supervisors of support

Since advance reading preparation is required for the course, the deadline for registration is Monday, April 2, to ensure that all those signed up will receive their pre-session materials.

An NWC training request authorization form must be submit through departmental channels so that it will reach Code 094 before the deadline.



FASCINATING DISCUSSION - Capt. K. A. Dickerson, NWC Commander, and Mary Kilpatrick, Federal Women's Program Manager, chat with Stephen Anderson-Davis prior to the Women's History Week luncheon held March 22. Anderson-Davis not only was the quest speaker for the luncheon, but also presented two workshops that day.

Women's History Week speaker outlines elements of success

Stephen Anderson-Davis of Anderson-Davis Associates told the audience at the March 22 luncheon held during Women's History Week, some elements in any definition are

For instance, no individual can live up to the expectations of others but must be able to meet personal expectations. "How I see myself is how I am," he said.

Being a success is not magical but follows a definite A, B, C pattern. A stands for ability, he noted, adding, "Would you be willing to sign your name to the work that you do? Are you proud of your work?"

B stands for breaks, but getting breaks often means just being willing to deal with a situation as it is. Anderson-Davis quoted a friend as saying "The more I practice, the luckier I get." And C stands for courage and the willingness to fail if necessary, he noted.

Success strategies have both negative and positive elements, according to Anderson-Davis. For instance, to be avoided are procrastination, gossip, complaints ("go to your supervisor with solutions, not problems"), indecision, indifference, pessimism, and worry. Positive elements in success include being willing to share information and knowledge with others, knowing the organization and one's place in it, and what a supervisor really expects, as well as knowing one's own personal goals

PRACTICAL COURSE — Trisha Brinkman, of Anderson-Davis Associates, describes

how she would fight off an attack by Stephen Anderson-Davis. Ms. Brinkman and An-

derson-Davis presented a three hour lecture-demonstration of personal safety and self

defense as the final event of Women's History Week.

and having a career development plan. Before Anderson-Davis spoke, Capt. K. A. Dickerson, NWC Commander, welcomed those attending the luncheon held at the

Commissioned Officers' Mess.

About 24 percent of the Center's work force now consists of women, the Skipper said, and changes are occurring making the full utilization of the talents of these women more possible. What was most encouraging to him, he noted, is that he is finding an increasing number of young professional scientists and engineers among the women working on board.

"It does my heart good," said Capt. Dickerson, "to be with people who know where they are going and what they are

Lee Ann Riddoch, who served as mistress of ceremonies for the luncheon, introduced all the members of the Federal Women's Program Committee as well as the heads of the Center's three directorates, who were at

Attack Squadron 37 here for tactical weapons training

Personnel and aircraft of Attack Squadron 37 (the Raging Bulls) began arriving yesterday at the Naval Weapons Center and will remain here until April 13 for tactical weapons deployment training.

VA-37 is led by Cdr. R. L. "Ramjet" Ramsey, the squadron's Commanding Officer, who is no stranger to China Lake, having been attached to Air Test and Development Squadron 5 (VX-5) from 1974 to 1976.

The detachment from VA-37 consists of seven A-7 Corsair II aircraft, 16 officers and 85 enlisted personnel, who are flying in from the Naval Air Station at Cecil Field, Flor-

The deployment to China Lake is designed to train pilots in all areas of their warfare speciality in an environment not available to them at their home base.

The Coso range will be used extensively, as will Airport Lake, where VA-37's Corsairs will be firing live Shrike missiles against targets simulating war-at-sea situations.

In addition, squadron/airwing tactics will be used during Walleye missile deliveries at "Charlie" range, and the Air Combat Maneuvering Range at Yuma, Ariz., has been scheduled for two days of Shrike training by the pilots of VA-37.

While at NWC, the officers and enlisted men of VA-37 also will be involved in extensive ground training that will take advantage of the tactical weapons research and development expertise that military personnel of both NWC and VX-5, as well as the civilian scientist and engineers of NWC, can provide.

March 30, 1984



RETIRES AFTER 30 YEARS - LCdr. Roy Adams (at left), director of the Commissary Store Group in San Diego, congratulates Senior Chief Paul T. Crosswaite after presenting him a plague and letter of appreciation at the time of his retirement following 30 years of active duty in the Navy. SHCS Crosswaite, who served for the past two years as Officer-in-Charge of the Commissary Store in China Lake, was transferred here in 1981 from an assignment as Assistant O-in-C at the Puget Sound Commissary Store in Bremerton, Wash. SHCS Crosswaite, who hails from Louisville, Ky., plans to remain in the local area and has purchased a home in Ridgecrest.

limited production approval.

In a memorandum nominating the four

employees of Code 3355 for the Technical

Director's Award, Anderson, who heads the

Fuze and Sensors Department, refers to

their accomplishments as "truly significant

considering the difficulties imposed by the

compounded by a very difficult funding

Joint Navy-Air Force Program, which were

Brauer, the team leader and head of the

his master's degree in mechanical

engineering from California State

University in San Diego, where he had been

employed for nearly four years by Convair

Assigned to the Electromechanical

Division of the NWC Fuze Department, he

was involved initially in the advance

development and engineering development

of the Harpoon missile fuze and pressure

probe before working on the fuzing system

When the Naval Air Systems Command

deficiencies in the FMU-117 electronic bomb

fuze that was intended for Navy use only,

Brauer became involved in this effort,

which was a predecessor to the successful

development of an electronic bomb fuze

(FMU-139/B) that meets both Navy and Air

The principal contributions of the other

recipients of the NWC Technical Director's

Bartels joined the team in 1981 as project

engineer. He coordinated most of the

engineering aspects of the work - both at

NWC and at the contractor's (Motorola's)

procedures, and test reports.

as a design engineer.

for the Fuel Air Explosive II.

Technical Director Awards . . .

(Continued from Page 1)

The effort at NWC began with the preparation by Brauer of a joint Navy/Air Force Development Specification that was approved by both services in mid-June 1981.

In addition, an engineering development contract was negotiated with Motorola, following a competition that involved six fuze contractors. This required significant effort on the part of both Brauer and Cohn.

The steps that followed in the development of the FMU-139/electronic bomb fuze included arriving at an agreed-to design that appeared capable of meeting the development specification, and technically monitoring the engineering development effort by the contractor (Motorola). This phase of the work also consisted of preparing a technical data package and the fabrication of 80 engineering models activities that involved Bartels and Denny, supported by other NWC personnel.

Brauer and his main co-workers at NWC prepared and assisted in the implementation of tests at the contractor's facility, as well as here at China Lake where turned to NWC in 1978 to help correct tests (which included flight tests) were completed in February 1983.

There were more than 198 flight tests that were conducted here, at the contractor's plant, and also at Eglin Air Force Base, and 160 units were subjected to various environmental tests. Problems that were encountered were quickly analyzed, design modifications established, and the hardware was modified to validate the design.

Along the way, the four-man team from Code 3355 involved in the FMU-139/B Electronic Bomb Fuze Program called upon experts at NWC in the fields of product assurance, safety, reliability, and facility, as well as at Eglin AFB. documentation, and coordinated all of this Cohn. input to help upgrade the technical data responsibility for preparing all of the test package for fabrication of technical documentation, test plans, test operating evaluation hardware (380 fuzes).

Following the technical evaluation phase, Denney, the electrical engineer on the hardware was provided to Air Test and team, was concerned with the electronic Evaluation Squadron Five (VX-5), for a aspects of the project and the software for "mini-operational evaluation" - a program the micropocessor that contains the logic that was completed with very good fuze functions of the FMU-139/electronic bomb performance and has cleared the way for fuze.

MIKES LAB by BIL FruiM







Volcanic activity monitored . . . (Continued from Page 1)

made to hike into Camp 6, the base camp located only 700 meters from the vent, rather than to fly there by helicopter because the camp was not safe for helicopter windshield. helicopter landings due to the high lava

Since the only available route to the camp was through jungle and across aa lava flows, the night was spent on a nearby crater. The night sky was orange, and sounds like a combination of jet engines and crashing surf rent the night air.

With Camp 6 in sight, the geologists noted a lava flow approaching the camp. They arrived at the camp amidst a rain of both water and cinder, and found two French scientists and a student inside a metal storage shed. These people had been in camp throughout the night and had witnessed the door being blown off by localized tornadoes, as well as dents and burned paint caused by heavy cinder fall.

The NWC geologists replenished their supplies and then went to work observing the collection of cinders using large tarps. Cinders collected were dated as soon as addition, although the gases were denser, they fell so that they can be studied later. the sulphur dioxide was not as strong.

Annual spring cleanup, work party planned on Sunday at Laurel Mt. by TV Booster, Inc.

The annual spring cleanup and work party at the TV Booster's Laurel Mountain facility will be held (weather permitting) this

Cleanup work will not be the main emphasis of Sunday's volunteer effort, since an accumulation of out-of-use equipment that previously cluttered up the site has been Free-Fall Weapons Fuze Branch, came to work at NWC in May 1971 after receiving

Instead the effort on Sunday will be concentrated on making improvements to the TV Booster's FM translators, inventorying equipment and making certain of its location in order to simplify future repairs, and preventative maintenance. Sunday's activities will provide an op-

The geologists also took samples of molten tains up to 1,500 feet high, so a decision was lava as it slowly encroached on the camp. Three hours later they were evacuated by helicopter in a cinder fall so heavy that it sounded like a desert rainfall against the

While the geologists were at the eruption site, much work was being done at the primary lava flow that had begun to encroach on a subdivision. The objective in such a situation is to monitor the rate that the flow is moving forward coupled with flow rate estimates from the scientists at the vent. This allows personnel to estimate the encroachment distance and duration so that evacuations can be made.

The eruption lasted about 40 hours and was then followed by a week's worth of follow-on study by the geologists. To better estimate the flow rates, the volume of erupted material has to be calculated. Gases are again sampled, and two days after the eruption the scientists again made another visit down the throat of the volcano to map the new dimensions of the throat. The most obvious difference in the throat for those entering it was the increased heat. In

portunity for members of the IWV TV Booster, Inc., to see the how the money they have donated has been used and, by volunteering their assistance, to help make the donations go even farther than might otherwise be possible.

Individuals with all levels of work skill are needed. Those who wish to help out are asked to make this interest known by calling Ed Middlemiss, after working hours, at 377-

Metal Trades Council

The Indian Wells Valley Metal Trades Council will hold its regular monthly meeting at 4:30 p.m. on Thursday, April 5, at 520 E. Inyokern Road.

China Lake Police reports . . .

police officers picked up three 14-year-old boys at Murray Junior High School who had marijuana and paraphernalia for smoking marijuana in their possession. They were interviewed and later released to their parents. The juvenile officer will follow up.

TRESPASSERS EVICTED At 2:30 p.m. on Saturday, officers responded to the Sand Canyon area of the Mojave B-Randsburg Wash test range and removed four individuals who were mining the area for minerals. The case is still under

PROWLER REPORTED

prowler was reported on Burroughs Avenue at 7:51 p.m. last Saturday. The reporting parties were able to give a partial description of the white male juvenile who was seen in their neighborhood.

FIRE SET BY YOUTHS Three youths ranging from 6 to 9 years in age were picked up on the afternoon of Wednesday, March 21, for their alleged involvement in an arson incident.

An estimated \$2,000 damage was caused at the Richmond Elementary School as the result of a grass and small brush fire that was set using matches and a cigaret lighter.

WHERE'S THE BEEF?

Before it could be extinguished, the fire scorched the school building wall and smoked up windows. The youngsters will be counseled by juvenile officers and NWC Fire Division personnel.

FIGHT AT SCHOOL STOPPED

Murray Junior High School authorities called the China Lake police when five individuals got involved in physical combat on the school grounds at 7:49 a.m. on Tuesday. The group was taken into custody, counseled, and released to their respective

Also at Murray Junior High School, a juvenile got up in the middle of a class and struck another individual in the face. The aggressor was taken into custody by police, counseled, and released to parents.

RADIOSONDES STOLEN

Persons unkown entered the range meteorology building, according to a report filed on Tuesday, and removed five radiosonde transmitters. Estimated loss is

YOUNG SUSPECT PICKED UP A 10-year-old male juvenile was taken into custody last Tuesday afternoon with regard

to theft of bicycle parts. The missing property was recovered, and the suspect will be talking with juvenile authorities. RIDGECREST POLICE AIDED

China Lake police assisted the Ridgecrest

Police Department on the evening of March 21 by sending a Spanish-speaking officer to assist in questioning of a Mexican male, who was in custody at the Kern County jail in Ridgecrest.





DISTINGUISHED VISITOR - A visit to the Naval Weapons Center by Dr. E. Ann Berman, Deputy Assistant Secretary of the Navy (Research and Advanced Technology), included a stop at the Sidewinder Missile Fuze Lab in Michelson Laboratory. In addition to viewing a display covering the 30-year development of the Sidewinder fuze (from the 1-A to the 9-M model of this well-known missile), Dr. Berman listens as Matt Anderson, head of the NWC Fuze and Sensors Department, describes the operation of the DSU-15 A/B proximity fuze. Her day-long stay at China Lake also included a demonstration on the Advanced Common Intercept Missile, and briefings on such varied subjects as RF missile guidance technology, missile propulsion research, characterizations of optical surfaces, computer modernization, and visibility/environmental issues.

Help to handicapped lauded.

(Continued from Page 1) position, has been changed to a full-time position staffed by a senior equal employment specialist who works in the EEO Office within the Center's Personnel Department in order to better integrate the concerns of affirmative action and equal employment in overall personnel management.

The Center has provided funds for the purchase of numerous assistive devices, including (in the past year) telecommunications devices for the deaf, a talking calculator, a raised-line drawing kit, and a braille IBM electric typewriter. In addition, the services of a reader for the blind and an interpreter for deaf employees have also been provided, Capt. Dickerson said.

The Handicap Program is one way in which NWC demonstrates support for the general disabled population, the NWC Commander continued. The Center has a Handicap Affirmative Action Plan and the Skipper said.

"This is not the limit of our support, for the Center also has done some very direct contracting through provisions of the Javits-Wagner-O'Day Act. The Center is often recognized for innovation in technical areas, and I am proud that we also are recognized for the magnitude and types of work being accomplished by our retarded citizens," Capt. Dickerson said.

He pointed out that in the past three years, NWC has provided employment opportunities for 34 retarded adults and 4 handicapped adults through contracts for car washing, tree removal and replanting. In addition, the Center has contracted with the IWV Association for Retarded Citizens for electronic chassis disassembly work that has saved the government time and money, and five of the association's clients are involved in the color coding of computer sheets used in interactive graphics work.

Capt. Dickerson concluded his talk by stating: "Our committment to the employment and advancement of the handicapped is an integral part of equal em-

ployment opportunity on the Center. I look forward to continuing our efforts and establishing new avenues of opportunity and support for our handicapped community."

Judge Charles Porter, of the East Kern Municipal Court, served as the installing annual leave, environmental pay, overtime, officer for those who will assume leading positions of responsibility in the IWV Association for Retarded Citizens during the coming year. They are Tom Andress, president; Gino LaMarca, vice-president: Bob Brinton, treasurer; and Gloria Delgado, secretary. Standing in for Andress, who was unable to be present, was John Parlet, a member of the association's board of directors.

Kindergarten pupil registration continues at school dist. office

Registration for kindergarten children that has been and will be even more in- next fall will continue to be held during volved in outreach and training activities. morning hours on week days through next Thursday, April 5.

The sign-ups are being handled by appointments that can be made by calling the Sierra Sands Unified School District office, phone 375-4966.

To be eligible for kindergarten, youngsters must be five years of age on or before Dec. 1, 1984. Proof of age must be presented at the time of registration. This verification can take the form of a birth certificate, a duly attested baptismal certificate, a passport, or an affidavit legally executed by the parent, guardian or custodian of the child.

The State of California requires that children entering kindergarten have a series of immunizations. The list includes innoculations to protect against polio, diphtheria, whooping cough, tetanus, measles, rubella, and mumps.

In addition, all youngsters must have a physical examination within 18 months prior to entering the first grade, and are expected to have this exam completed before entering kindergarten.

Civil Service Reform Act sets rules governing employee unions

The Employee Management Relations Division (Code 091) of the Personnel Department plays a prime role in dealings between the Naval Weapons Center and the three unions representing personnel working on board. All three unions are affiliated with larger union organizations.

The Center's largest union, the Indian Wells Valley Metal Trades Council (MTC), headed by Richard Keith, represents all non-supervisory trades (wage grade) employees.

The International Association of Fire Fighters (IAFF), Local No. F-32, headed by Mike Tosti, represents all non-supervisory fire fighting personnel at the Naval Weapons Center.

The American Federation of Government Employees (AFGE), Local 3854, headed by Ron Porter, represents all nonsupervisory Police Division personnel in the Center's Safety and Security Department.

These unions have been in existence at the Naval Weapons Center for a long time. Both the MTC and IAFF unions formed in 1963 while the AFGE union was started in 1962.

The rules which govern labormanagement relations were overhauled in 1978 when President Carter signed the Civil Service Reform Act. This law defines the issues that unions may pursue in the government sector. Certain subjects may not be negotiated by management. These include the determination of the mission and budget (including salaries), organization, and number and types of employees, as well as the right to take personnel actions and assignment of work.

What is negotiable are the procedures for implementing the above actions as well as the impact of the decisions in the above areas if the decision affects employees that are covered by a labor agreement. For example, the decision as to who is selected from a merit promotion announcement is a protected management right. However, the process used to decide who is "best qualified" is negotiable.

Local union contracts contain negotiated procedures for hours of work, sick and merit promotion, grievances, discipline

Employees in federal bargaining units cannot engage in a strike, work stoppage or slowdown and cannot picket an activity if the picketing disrupts the operation or functioning of an activity. However, they may seek to settle a dispute through the grievance procedure, which may ultimately lead to binding arbitration, or an unfair labor practice charge with the Department

The Naval Weapons Center and the unions negotiate labor contracts which define the specific ways that the union and management interact with each other. These agreements commonly last for two or three years and then are renegotiated.

Locally, contract negotiations have taken from just a couple of days to more than a year to produce an agreement mutually satisfactory to the union and the Center. (While bargaining is underway, the essence of the old bargaining agreement is maintained until the new one is achieved.)

"Historically, we've had a very good relationship with the unions," says Bruce MacIntosh, who heads the Employee Management Relations Division. "We try to use a problem solving approach, and believe the work area problems are best solved by line management at the first level of supervision if possible."

MacIntosh describes the relationship between Center Command and the unions as a case of everyone working together to ensure that the interests of both the Center and its bargaining unit employees are considered, and the needs of both met.

Equipment demonstration

Demonstrations of Xerox electronic typewriters, the No. 860 Information Processing System, and a personal computer (the 16/8) will be presented on Wednesday, April 4, from 8:30 a.m. to 4 p.m. at the Commissioned Officers' Mess.

Randy Atherton and Lynn Lund, marketing representatives for the Xerox Corp, will be here to demonstrate how the

Quality Circles Night planned on April 12 by Supply Department

The Supply Department invites anyone interested in learning more about the Quality Circles concept, how Quality Circles function in various organizations, or how they might work for their organization, to the second annual Quality Circle Night dinner on Thursday, April 12, at the Hideaway restaurant in Ridgecrest.

The evening will begin with a social hour at 6:30, followed by a roast beef buffet dinner at 7:30 o'clock. Following dinner

Sherry Gilbert from the Continental Telephone Co. in Bakersfield and John Reynolds from the Kerr-McGee Chemical Corp. in Trona will speak about how Quality Circles have improved their organizations and what has been accomplished since the inception of Quality Circles.

Arrangements for the evening's festivities are being made by Helen Cropper, Supply Department facilitator for the participative problem-solving groups. Anyone seeking there will be a program with guest speakers further information or wishing to make and entertainment provided by the Supply reservations should contact Ms. Cropper by Department Quality Circle groups. The calling NWC ext. 2171 before April 5. Seating price of \$8.50 per person includes tax and is limited, so reservations should be made



PLANNING — Helen Cropper, Supply Department Quality Circles Facilitator, and John Wooldrige, Deputy Director of Supply, finalize plans for the second annual Quality Circle Night to be held at the Hideaway restaurant in Ridgecrest on Thursday, April 12.