Page Eight



ARTIST ON VIOLA TO PERFORM - Cynthia Fogg (at left), viola player, and Gayle McComb, piano accompanist, flank Tom Flaherty, one of two guest artists who will assist in the performance of P.D.Q. Bach's "Four-Hand Viola Sonata," during tonight's lecture recital at the Cerro Coso College lecture center.

educational production of Concerts &

Concepts of West Covina, Calif. The

programs are being presented in Ridgecrest

in cooperation with the Associated Students

of Cerro Coso. Carl and Shirley Helmick are

Tickets for this event are now on sale in

Ridgecrest at the Music Man, 131 N. Balsam

St., where descriptive flyers are also

available. Concert and ticket information

may be obtained by calling the Helmicks at

375-2929. Tickets will also be sold at the door.

serving as the Ridgecrest coordinators.

Viola player to be featured in lecture-recital at college tonight The lecture hall at Cerro Coso Community birthday of Johannes Brahms, is an

College will be the setting at 7:30 tonight for the fifth lecture-recital in the series "Exploring the World of Romantic Music."

The featured artist will be violist Cynthia Fogg, who will be accompanied at the piano by Gayle McComb during a program entitled "The Viola: More Than Just a Big

The presentation by Ms. Fogg will include a discussion of the fall and rise of the viola as an important musical instrument, plus a performance of three musical works.

The selections to be played are Johannes Brahms' "Sonata in Flat Major for Viola and Piano," Franz Schubert's "Arpeggione Sonata" (played on viola and piano), and P.D.Q. Bach's "Sonata for Viola Four Hands and Harpsichord."

This will be the high desert premiere performance of this unusual composition, which is the only known music for two performers on one viola. The assistance of two additional persons (guest artists to be revealed at tonight's program) will be required for the execution of this work.

The current series of seven programs, offered in commemoration of the 150th **Booths offering ideas**

on vacation trips to be set up at CPOM

The Chief Petty Officers' Mess (CPOM) will be the setting from 5 to 8 p.m. on Tuesday, March 27, for an array of booths where information can be obtained on interesting places to visit during vacation

trips this summer. Through arrangements made by the Community Services Division of the Recreation Services Department, representatives of various outdoor recreation areas throughout the State of California will be here to set up eye-catching displays and distribute information of interest to vacation-time fun seekers.

Information on summer job prospects for teenagers at some of the state's vacation spots also will be available, in addition to information on a wide variety of youth

Additional information can be obtained by calling Kelly McCammon at NWC ext. 2010.

ROCKETEER

Barbershop song gp. seeks nominees for 'Citizen of Yr.' award

Nominees are being sought for the local "citizen of the year" to be honored by the Award of Harmony for community service by the Society for the Preservation and Encouragement of Barber Shop Quartet Singing in America (S.P.E.B.S.Q.S.A.). The award will be presented locally in April.

The local chapter of the organization has joined with more than 800 other chapters throughout the United States and Canada in a special effort to recognize and publicly express gratitude to individuals in every community who have offered particular personal service.

Nominations for the Award of Harmony can be submitted by anyone in the Indian Wells Valley, and should be sent in letter form to Lou Dahlstrom, 120 Purple Sage Lane, Ridgecrest, CA 93555. Nominee names and a brief written outline of their service to the community will be carefully reviewed by a committee from the Sierra Sands Chorus.

Barbershoppers and their families are not eligible for the award. Anyone with questions about the award or nominations should contact Dahlstrom by telephoning 375-2802.

Storewide 'Olympic sale' underway at Navy Exchange now

"An Olympic sale," designed to attract sports enthusiasts of all ages, is now in progress at the Navy Exchange.

A large selection of sportswear and accessories in combinations of red, white and blue - all bearing the USA Olympic logo is being featured.

In addition, dozens of Olympic commemorative items, such as pen and pencil sets, school supplies and giftware are offered at special prices. The collection also includes luggage and tote bags.

Purchasers of selected radios, stereo cassette players and electronic items will receive a free Olympic logo gift.

A spring sale of women's fashion apparel, cleaning items, and other merchandise also is underway at the NEX.

All food service locations are included in the special discounts offered this month. and patrons are advised to watch for sale items posted at each snack bar.



The lively music of "The Sound of Country" will entertain patrons of the Enlisted Mess at a St. Patrick's Day dance this evening from 9 o'clock until 1:30 a.m. The band, which is appearing once again by popular demand, is sparked by the musical talents of lead singer, Brian Lonbeck, who is also an expert guitarist and fiddler.

At age 15, Lonbeck joined Barbara Mandrell's ensemble, and for many years played guitar and acted as back-up singer with the group.

For those who would like to combine dinner with an evening of entertainment at the club, a special entree of large shrimp will be featured from 6 to 9 o'clock on the dining room menu.

Tomorrow night, the EM will be open for dinner from 6 to 9 o'clock. Fried oysters will be the evening's special. +++

Green will be the color of the evening as the Chief Petty Officers' Mess hosts a St. Patrick's Day party highlighted by the music of the "Roadrunners." The popular local group will play contemporary and country music from 8:30 to 12:30 o'clock.

Dinner will be served tonight from 6 to 9 tonight. Tomorrow evening, patrons may choose a St. Patrick's Day special of corned beef and cabbage, or select items from the regular menu from 6 to 8:30 p.m. +++

Nature buffs who want a rare, guided glimpse at animals can join two free conducted tours to view the sage grouse in its courtship behavior and also see deer and other wildlife tomorrow and Sunday.

The sage grouse tour begins at the corner of Benton Cross Road and Highway 395 (35 miles north of Bishop) at 5:30 tomorrow morning. DFG wildlife biologist Ron Thomas expects that the sage grouse will be strutting to show off for hens by daylight.

The Sunday tour of the deer range begins at the intersection of Boundary Road and the Old Sherwin Grade highway at the Inyo-Mono County line at 9 a.m. Boundary Road is found by taking the lower Rock Creek turnoff at the base of the Sherwin Grade Highway (Highway 395) north of Bishop.

Warm clothes should be worn. The deer range trip involves a three-mile hike, so sturdy boots are in order. A sudden snow storm or high winds could cause cancellation of either tour

CIONIES ALL AGES ADMITTED General Audiences
ALL AGES ADMITTED R) RESTRICTED nt or Adult Guardian Regular starting time 7:00 p.m. MARCH 16, 18 IDAY, SUNDAY "NATIONAL LAMPOON'S VACATION" Starring Chevy Chase and Beverly D'Angelo (Comedy, rated R, 98 min.) SATURDAY MARCH 1 "THE VERDICT" Starring Paul Newman and Charlotte Rampling (Drama, rated R, 129 min.) MARCH 19 MONDAY

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"SPACE RAIDERS" Starring Vince Edwards and David Mendenhall (Science Fiction, rated PG, 83 min.) MARCH 21 VEDNESDAY "WAR GAMES" Starring Matthew Broderick and Dabney Coleman (Suspense/Drama, rated PG, 113 min.)

Special offering on grandfather clocks available at NEX

Time is of the essence for patrons of the Navy Exchange who are interested in the opportunity to purchase a quality grandfather clock at 50 percent below the regular

Today and tomorrow only a representative from the King Arthur Clock Co. will be on hand to answer questions and assist shoppers in the selection of a clock from among five different models and four crown styles on display.

Prices of the clocks vary from \$388 to \$695, depending on the model and the type of wood used in construction. Handrubbed hardwoods are available in oak, mahogany, teak, rosewood and walnut. All clocks have a solid brass dial and movement guaranteed for five years, in addition to a lifetime case guarantee

A no-interest layaway plan, featuring 10 percent down and 10 percent a month for 10 nonths, may be used to purchase a clock.

Change announced in circulation policies

at Center Library The Naval Weapons Center library has

announced a change in circulation policies to become effective on April 15.

Library privileges will be suspended for any patron with overdue library materials. This action will be noted by placing a red flag on the patron's library card on file at the check-out desk. Once the materials have been returned, the flag will be removed and the card may be used again.

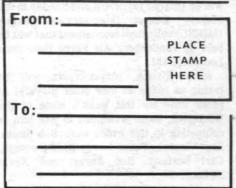
It is hoped that this new policy will decrease the number of overdue notices which must be prepared by an undermanned library staff, and enable the timely replacement of high-interest items on the shelves for other readers' use.

Sale set at Thrift Shop

Bargain hunters are expected to rush to the Thrift Shop operated by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM) next week to take advantage of the \$1 per bag sale scheduled to take place at that time.

Thrift Shop hours are from 7 to 9 p.m. on Tuesday, and 10:30 a.m. until 12:30 p.m. on Thursday. U.S. Government Printing Office:

1984-No. 1001



of concern.

No threat seen from waste fuel subsurface pool

Waste fuel and solvents in the ground at Armitage Airfield don't pose any immediate threat to either health or the environment, according to Tom Dodson, but the area will require continual monitoring to ensure that no threat develops and all reasonable effort should be made to clean up as much of the waste fuel as possible.

Dodson, head of the Environmental Branch in the Public Works Department, testified before the California Regional Water Quality Control Board, Lahontan Region, at a meeting held in Victorville City Hall on Thursday, March 8, when the Lahontan Board considered a proposed cleanup and abatement order requiring the Navy to clean up and abate the effects of past waste fuel discharges to groundwaters underlying Armitage Field.

AREAS OF CONCERN IDENTIFIED

Four areas at Armitage Field were identified as areas of concern: the aircraft cleaning area, the maintenance yard, the fire fighting practice area, and the fuel supply area. Wastes from these areas have been identified at several different locations. The fuel waste, lying under a 2.3acre area at the fuel farm, is the major site

The largest amount of waste substances identified was estimated to be approximately one million gallons of substandard aviation fuel that was drained into six seepage pits located within the fuel supply area. Groundwater monitoring wells drilled in that area show that a mound of jet fuel up to four feet thick exists on top of the groundwater. This fuel can be pumped out and recycled.

WATER MOVING TO NORTHEAST The groundwater at Armitage Field lies approximately 24 to 38 feet beneath the surface, and the water appears to be moving towards the northeast - the China Lake playa - at a rate of from 7 to 45 feet per year. A groundwater ridge more than a mile and a half thick lies between the airfield and the wells to the southwest from which a large part of the local water supply has been pumped. (Water in this area to the south and west of the barrier zone appears, according to the U.S. Geological Survey, to be flowing toward the southwest.)

Other waste products that have potential of polluting the groundwater in the Armitage Field area are solvents used in cleaning of aircraft when the water was permitted to (Continued on Page 5)

Scientists visit NATO ally

Underground construction in Norway studied Dr. Carl Austin, head of the Geothermal Division in the NWC Public Works Department, returned recently from a week-long visit to Norway, where he was an observer and participant in rapid airfield runway repair tests, and also had the opportunity to continue earlier studies of the construction and vulnerability to enemy action of deep underground structures.

Dr. Austin, who is an expert on weapons effects against rock, dirt and concrete, with emphasis on rock and underground structures, was accompanied to Norway by Dr. Thomas Eastler, a geologist and professor from the University of Maine in Farmington, who is associated as a WAE with the head of NWC's Geothermal Division.

According to Dr. Austin, Norway is one of the leading nations in the world in the design, construction and utilization of underground, hard rock installations. The studies with which he and Dr. Eastler were involved were conducted in the southern part of Norway, in the general region of

In addition, they observed and gathered information on runway repair exercises at Gardermoen Air Force Base. Craters blown in the runway were repaired using varying repair methods suitable for the near Arctic conditions.

Although there was always ice on the runways, the weather was not bad for this time of the year in Norway - the temnwc rocketeer

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NAVAL WEAPONS CENTER CHINALAKE CALIFORNIA

Tech Director Award presented to Hintz for contributions in field of laser radar The NWC Technical Director's award in sion of the Aircraft Weapons Integration NWC Commander; Gerry Schiefer, Deputy

recognition of his outstanding contributions Department. in the field of laser radar was presented last Friday to Robert T. Hintz, head of the Laser

before an audience of co-workers of the

Technology Office in the Targeting Divi- honoree, as well as Capt. K. A. Dickerson,

EXPERTISE RECOGNIZED - Robert Hintz last week became the latest recipient of the NWC Technical Director's Award in recognition of his contributions - not only here but nationally and internationally, as well — in the field of laser radar. In the foreground of this photo of Hintz is the afocal section of the carbon dioxide (C02) laser radar.

perature never dropped more than 10 or 20 defense and government personnel, in-

After completion of the field work, debriefings were given by the NWC employee to various levels of Norwegian

degrees below zero Centigrade, Dr. Austin cluding Admiral Egil Halvorsen, Commander of Norway's Naval Material Command, and his staff.

Among the installations that the two (Continued on Page 3)



UNDERGROUND CONSTRUCTION — Burrowing deep underground through solid rock has been the means adapted by the Country of Norway to develop facilities that are part of the nation's civil defense and military preparedness efforts. Dr. Carl Austin and Dr. Thomas Eastler traveled to Norway recently to study deep underground structures and their vulnerability to enemy action.

Technical Director, and Dr. Ed Kutchma, The presentation was made by B. W. Hays head of Code 31, all of whom added their congratulations to those extended by Hays to the award winner.

Hintz received an engraved paperweight, a letter of commendation, and a stipend that accompanies this special form of a Superior Achievement Award.

"You have been pushing concepts and ideas that do not necessarily obtain the same general recognition as major programs, but Center management is well aware of the value of your work, and your expertise has become well-known throughout the country as well," Hays said as he presented the Technical Director Award to Hintz.

ACTIVE IN INFO EXCHANGE At the present time, the TD Award recipient is chairman of the Active Systems Speciality Group of the Office of Naval Research-sponsored Infrared Information Symposium. During annual meetings, representatives of government and industry get together to examine and discuss development in the C02 laser radar field.

In addition, Hintz is a member of the Defense Advanced Project Agency Multisensor Group; heads the Applications Working Group of the Joint Director of Navy Laboratories Committee Subpanel on Laser Radar, and serves as secretary of the NATO Research Study Group (RSG-13) on active systems

Six countries are involved with the U.S. in RSG-13, whose activities include the exchange of both research reports and equipment. As the Navy's part of this exchange, the participating foreign countries have been provided a dozen C02-type laser radars for evaluation.

INVOLVED IN DESIGN REVIEWS

Dr. Kutchma, who nominated Hintz for the Technical Director Award, also noted that the honoree has, through his participation in design reviews, "successfully initiated Joint Services exchange efforts which permit the optimum utilization of existing assets to meet the objectives of the exploratory development programs of the various branches of the U.S. military services.'

Mentioned as an example of this was an exchange with the Army for a processor to be used in conjunction with the Hybrid Target Acquisition System. Also noted was the fact that NWC is the only Navy laboratory involved in a joint contract with Raytheon to develop a C02 laser sensor.

In addition to his duties as head of Code 31's C02 Laser Technology Office, Hintz has been working on a special study on close air support for the Director of Navy Laboratories that has gained wide approval and acceptance.

EMPLOYED 16 YEARS AT NWC

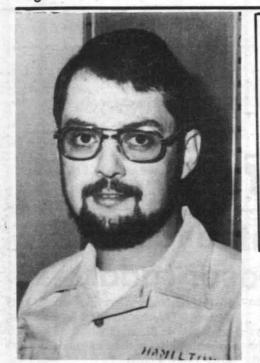
Hintz has been employed for nearly 16 years at the Naval Weapons Center. He joined the work force here as a Junior Professional following his graduation from the University of Wisconsin in Milwaukee with a bachelor's degree in physics.

During his JP tour, he worked with Dr. C. K. Bullock on building the Navy's first C02 laser before being assigned to the former Aviation Ordnance Department.

He also worked for two other departments before settling in for a period of five or six years with the Fuze Department, where he was involved in the applications of C02

(Continued on Page 3)

Page Two



REENLISTS FOR 2 YRS. — James Hamilton, an aviation storekeeper 2nd class, has reenlisted for another two years of active duty in the Navy. Currently assigned to the Aviation Supply Warehouse at Armitage Airfield, where he works in the **Component Control Section, AK2 Hamilton** joined the Navy in Elkhart, Ind., in 1974. Due to a break in military duty, his total length of service is now nine years. AK2 Hamilton was transferred to China Lake nearly three years ago from an assignment at the Navy base in Misawa, Japan, where he screened aviation supply requisitions, and also was supervisor of the Awaiting **Parts Section**

PDS applications for clerk-typists, -stenos now being accepted

Effective March 1, the Los Angeles Area Office, Office of Personnel Management, authorized the Center to accept applications, under predetermined score (PDS), for Clerk-Typist, GS-322-2/3/4 and Clerk-Steno, GS-312-3/4/5.

To be eligible for hiring consideration, applicants for Clerk-Typist, GS-322-2/3/4 must have taken the appropriate OPM test and obtained a score of at least 90; Clerk-Steno, GS-312-3/4/5 applicants must have taken the appropriate test and scored at least 80. All applicants must meet basic qualifications as set forth in the OPM Handbook X-118.

Anyone interested in applying for a position as Clerk-Typist or Clerk-Steno under PDS must submit an up-to-date SF-171 (Personal Qualifications Statement), and either a "Notice of Rating" or "Notice of Results" from the Los Angeles Area Office, to the receptionist, Rm. 100, Personnel Department Building.

Tech Library tours slated

All Naval Weapons Center employees are invited to tour the Technical Library on Thursdays through March 29.

Each tour will begin at 2 p.m. and will include a demonstration of an on-line search and the information resources that are available.

Interested persons can obtain additional information by calling NWC ext. 3389 or 3380.

The Rocketeer

China Lake

Captain K. A. Dickerson NWC Commander

B. W. Hays Technical Directo

Dennis Kline

News Stories

Photographs

Phones

Public Affairs Office Don R. Yockey

Mickey Strang

Associate Editor

PHAN Rebecca Gill PHAN Greg Hogan Staff Photographers ROCKETEER

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept 505 Blandy. Unless otherwide specified at an ad, applications for positions listed in this column will be ac cepted from current permanent NWC employees only. All others desiring employment at NWC may contact the Employment Wage & Classification Division, Code 092 Ext. 2264. Ads will run for one week and will close at 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 recruiting sources in filling these positions. The filling of these positions through Merit Promotion is subject to the requirements of the DoD Program for the Stability of Civilian Employment. The minimum gualification requirements for all GS positions and positions subject to the Demonstration Project are those defined in OPM Handbook 1-118; those for all wage system positions are those defined in OPM Handbook-C-118C. Applicants will be evaluated on the basis of experience, training, education, and awards as indicated in a written record consisting of a SF-171, at least one supervisory appraisal if it can be obtained, and any tests, medical examinations, interviews, and supplemental gualifications requirement that may be necessary. For managerial/supervisory positions, consideration will be given to applicant's support of the Equal Employment Opportunity programs and objectives. Applicants must meet time in 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 No. C-61-05, Warehouse Worker, WG-6997-5, Code 614 — This position is located in the Aircraft Department, Ordnance Division. The incumbent will perform duties that involve the receiving, shipping, storing, quality assurance inspections, transporting hazardous material. Job Relevant Criteria: Knowledge of ordnance items; ability to operate trucks and special vehicles for explosive hauling; knowledge of receipt, issue and storage of ordnance materials; ability to meet and deal effectively with others; and the ability to interpret safety regulations. The supplement is available in Rm. 100 in the Personnel Department.

Announcement No. C-62-23, Electronics Engineer, DP-85-3/4, Code 6235 — This position is head, Range Development Branch, Range Instrumentation Division, Range Department. The major responsibilities are: administrative and technical management of a branch working on a variety of field instrumentation projects; supervision of up to 25 Branch personnel through project engineers and section heads, and representation of branch and division plans and goals at the NAVAIR sponsor level as well as at NWC management levels. Major on-going projects within the branch are the On-Axis Data System, the ALRITE Laser Tracker and the Metric Video programs. Management of

these programs and marketing of advanced instrumentation concepts are important facets of the incumbent's duties. Job Relevant Criteria: Knowledge of radar systems engineering, an understanding of range instrumentation requirements, a proven ability to develop and manage programs of significant magnitude; the ability for both oral and written expression, and demon-

strated leadership skills. Promotion potential to DP-4. Announcement No. C-61-06, Electronics Technician, DT-856-2/3, PAC No. 8361588N, Code 6131 — This position is located in the Tracking and Control Branch, Engineering Support Division, Aircraft Department. The incumbent is responsible for electronic maintenance of and modification QH-50 drone helicopter control systems. Job Relevant Criteria: Knowledge of command and control electronic systems and QH-50 drone helicopter mantenance and operation; ability to work out-of-doors in all types of conditions; knowledge and experience in ordnance handling and safety procedures; incumbent may be required to travel for short periods of time.

incement No. C-62-15, Mechanical Engineer, DP-830-2/3, PAC No. 8262529E, Code 62352 - This position is ocated in the Metric Video Section, Range Developm Branch, Range Instrumentation Division of the Range ment. It is concerned with mechanical design o parts/components, and the mechanical integration of electro-optical instrumentation systems, radar hardware, equipment and test apparatus. Includes the layout and esign of mechanical mechanisms, the selection of stan dard components for use in such mechanisms, and the design of parts for use in them. Work often involves structural analysis of members of mechanical assemblies the properties of materials to be used in components efects of temperature and heat transfer on the performance of the device and its components, the physical integration and packaging of electrical devices, and the mechanical perating characteristics of devices. Job Relevant Criteria: Experience in optics or a willingness to obtain education therein is required; ability to communicate both orally or in writing; ability to deal with all levels of per onnel effectively.

Announcement No. 36-113, Interdisciplinary, Computer Scientist, Physicist, General/Mechanical/Elec ronics/Industrial Engineer, Mathematician, DP. 801/830/855/896/1310/1520/1550-2/3; Mechanical/Elec ronics/Engineering Technician, DT-802/856-3, Code 3687 - This position is located in the Systems Safety Branch, Product Assurance Division, Engineering Department The System Safety Branch provides support to a variety of weapon system development programs, both on and off-Center, through the application of system safety engineering and management principles and task: identify nazards associated with the system; determine hazard likelihood level and qualititative/quantitative risk factors; and make recommendations for the elimination and/or control of all hazards which are critical or catastrophic in nature. The incumbent will be the Harpoon System Safety Engineer/Manager and will be responsible for supporting the Harpoon Weapon System Production and the Har poon/S-3B Aircraft Integration Programs. Job Relevant Criteria: General knowledge of aircraft and missile systems; experience in systems analysis and engineering system safety and/or reliability is desirable; ability to plan, schedule, coordinate and evaluate long-term tasks; ability to plan, schedule, coordinate and evaluate long-

Tuesday, 4:30 p.m.

Tuesday, 11:30 a.m.

3354, 3355

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term tasks; ability to communicate effectively both orally and in writing and give formal presentations to government and private industry professionals at many levels.

Announcement No. 35-008-84, Multidisciplinary, Computer Scientist, Computer Specialist, Mathematician, DP-1550/334-2/3, PAC No. 8435139, Code 3541 - This position is ocated in the Radar Development Branch, Microwave Development Division, Electronic Warfare Department. The incumbent serves as the System Software Engineer fo the Semi-Active Test System (SATS) and as such will be responsible for the design and development of the software ociated with the computer system for SATS. The system will consist of a minicomputer, peripherals and display units which will command, control and collect data for the entire SATS. Job Relevant Criteria: Experience in developing computer system architectures; ability to communicate effectively, both orally and in writing; amiliarity with minicomputer systems, real time and parallel processing techniques; familiarity with assembly and high order languages; knowledge of the structured Announcement No. C-62-04, Supervisory In-

erdisciplinary Position, Electronics Engineer, Physicist, Computer Scientist, DP-855/1310/1550-3, Code 62354 - This position is that of section head in the Range Development Branch, of the Range Department. The incumbent responsible for the supervision of the ON-AXIS DATA SYSTEM project. the ON-AXIS DATA SYSTEM is a development project to support customers of the north ranges. The incumbent is involved in radar, optics, comouter and communication systems both from a design and acquisition point of view. Job Relevant Criteria: Working knowledge of radar systems, computer and com-munication systems; the ability to use fiscal reporting systems to maintain a project budget; ability to super vise/direct a small group of scientists and engineers; ability to apply the techniques and procedures involved in the Demonstration Project; skill in interpersonnel relationships with all levels of NWC employees. Interest in and support of the Equal Employment Opportunity Program (EEO). Status eligibles may apply.

ent No. 36-112, Interdisciplinary Computer Scientist, Physicist, General/Mechanical/Electronics/Industrial Engineer, Mathematician, DP-801/830/855/896/1310/1520/1550, Code 3687 - This position is located in the Systems Safety Branch, Product ance Division, Engineering Department. The System Safety Branch provides support to a variety of Weapon System Development programs, both on and off-Center through the application of system safety engineering and management principles and tasks necessary to: identify hazards associated with the system; determine hazard likelihood level and qualitative/quantitative risk factors; and make rec dations for the elimination and/or control of all hazards that are critical or catastrophic in mbent will develop a software safety standard to include plans, procedures, methods, etc. to be

Secretarial opportunities

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

Unless otherwise indicated, applicants will be rated against the job relevant criteria indicated below. A supplemental form is required and may be obtained at Room 100 in the Personnel Building. Job Relevant Criteria: Ability to perform receptionist and telephone duties: ability to review, control, screen and distribute incoming mail; ability to review outgoing correspondence; ability to compose correspondence and/or to prepare non-technical reports; knowledge of filing systems and files management; ability to meet 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 supervisor's calendar and to arrange conferences.

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

Announcement No. 36-108, Secretary (Typing), GS-318-4, PD No. 8136013N, Code 3682 — The incumbent of this position provides secretarial support to the head, Quality Assurance Branch of the Product Assurance Division within the Engineering Department. Promotion Potential: GS-5. This is a readvertisement and previous applicants need not reapply.

Announcement No. 36-100, Secretary (Typing), GS-318-5, PD No. 8436004N, Code 3605 — Incumbent of this position provides secretarial support to the Computer Aided Engineering Support Office of the Engineering Department. This is a readvertisement and previous applicants need not reapply.

Announcement No. C-61-03, Secretary (Typing), GS-318, Code 6101 — This position is located in the Full Scale Aerial Target (FSAT) Program Office, Aircraft Department. The incumbent provides clerical support to the FSAT program manager and office personnel. A working knowlede and skill on an IBM MAG card I is presently required; however, future requirement will require incumbent to be trained in the use of a display writer. Promotion potential to GS-5.

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used as a guideline for the application of system safety engineering and management to the research, development, test and evaluation of weapons/weapon systems which utilize software as a control function. The incumbent will also become the Naval Weapons Center's primary consultant for the software system safety engineering and management standard. Job Relevant Criteria: Knowledge of systems engineering processes is desirable: knowledge of software development, test and validation techniques used for the control of hardware; ability to communicate effectively both orally and in writing and give formal presentations to government and private industry professionals at many levels. Announcement No. 31-022 Interdisciplinary, Computer

Scientist-1550, Physicist-1310, Electronics Engineer-855, Aathematician-1520, Mechanical Engineer-830, General 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 AH1J/T onboard tactical computer systems and Operational Flight Programs including weapons system integration. The incumbent will be the A-Weapons Integration Project Engineer responsible 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 mult disciplined group of engineers, technicians and computer scientists; ability to communicate well, both orally and in writing; ability to plan a project from concept to com pletion; knowledge of the hardware and software aspects of avionics systems and subsystems; knowledge of th operational software development process; knowledge of test and evaluation techniques for integrated avionic weapon systems employing embedded digital computers. Announcement No. 31-023 Interdisciplinary, Computer

Scientist-1550, Physicist-1310, Electronics Engineer-855, Mathematician-1520, Mechanical Engineer-830, General 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 Veapons Integration Department. This Project Office is responsible for providing detailed engineering support to NAVAIR on the A-7E and AH1J/T onboard tactical computer systems and Operational Flight Programs including weapons system. The incumbent will be the AH-1J/T 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 integratio of the Hellfire, Sidewinder and Stinger into the AH-1J/T aircraft. The incumbent will also be responsible fo 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 communicate well, both orally and in writing; ability to plan a project from concept to completion; knowledge o the hardware and software aspects of avionics systems and subsystems; knowledge of the operational software development process; knowledge of test and evaluation techniques for integrated avionic weapon systems en ploying embedded digital computers.

nt No. 39-002, Electronic Technician, DT-856-2/3, PAC : No. 8139634E, Code 3925 - This position is in Remotely Piloted Vehicle (RPV) Technology Branch The incumbent will participate as the leading project electronics technician in the development of remotely controlled aircraft and on other RPV developmen projects. The incumbent will design, develop, modify and digital electronic subassemblies, components and circuits as a member of a project team involved in the development of prototype hardware. Job Relevant Criteria: Knowledge of jet aircraft electrical and avionics systems; knowledge of digital and microprocessor system design and test; knowledge of WS6536D soldering stan dards and NWC quality control practices as applied to prototype hardware for aircraft systems; ability to plan and direct system and flight tests; ability to interface and communicate effectively with personnel at comparable levels in government. Previous applicants need no reapply.

Announcement No. 26-024, Administrative Assistant, DA-341-1, PAC No. 8426020, Code 2632 — This position is located in the Environmental Branch, Engineering Division, Public Works Department. The incumbent assists in developing, monitoring, and coordinating the budget, identifies costing patterns, and monitors contracts. Job Relevant Criteria: Ability to prepare program budgets; ability to analyze changes and deviations from plans and schedules; knowledge of contract administration, personnel, and equipment control. Status eligibles are accepted. Promotion potential to DA-2.

Announcement No. 32-099, Interdisciplinary, Mechanical/Aerospace/General/Chemical Engineer, Physicist, Chemist, DP-2/3-830/861/801/893/1310/1320, PAC No. 8432008, Code 3263 — This position is located in the Weapons Systems Branch "A," Conventional Weapons Division, Ordnance Systems Department. The incumbent will perform as development engineer for new ordnance concepts. The incumbent will be responsible for conducting analysis, designing, and testing new concepts to demonstrate feasibility and to determine controlling parameters. The concepts will be in the area of conventional ordnance (Continued on Page 7)



March 16, 1984

Burros baseball . . (Continued from Page 6)

Haleman with a run that cut the Barstow lead to 3-1.

Jon Truitt, who pitched game No. 2 for Burroughs, walked the first two batters he faced in the second inning, but a strikeout and a double play initiated by Blecha at third base kept the Aztecs from scoring.

The Burros knotted the count at 3-3 in their half of the third, which began with a walk to Means and a double by Kaupp. With runners on second and third base, Blecha drove in two runs with a hard hit ground ball to center field.

Neither team was able to score in the fourth inning, but Ostrander led off the top of the fifth for Barstow by drawing a walk. The Aztecs' first baseman went from first to third on a bad throw by Allen, who sailed the ball into center field on an attempt to throw out Ostrander at second.

A sharply hit ball down the third base line by James Jones then drove in Ostrander with what turned out to be the game-winning run for Barstow.

The Burros threatened to score in their half of the fifth inning, which was opened with a double by Means, but he was left stranded at third base when Allen lined out to the Barstow second baseman to end the inning.

Dino Ebel, Barstow's winning pitcher, got stronger as the game progressed. He struck out two Burros' batters in the sixth and two more in the seventh as the Aztecs hung on to win it 4-3.

Ebel gave up seven hits, including doubles by Kaupp and Means, struck out six and walked four. Truitt, the losing pitcher for Burroughs, was tagged for just four hits (one a home run), struck out five and walked eight.

China Lakers to vie in military bowling championship event

Three military bowlers from the Naval Weapons Center have qualified for the Southern Pacific Sports Conference bowling championships that will be held at San Diego during the week of March 26 to 30.

Entered in the Northern Area singles elimination tournament held March 3-4 and 10-11 at the Navy Construction Battalion Center, Port Hueneme, were Larry Nolan, Jay Secor, Jim Barnes and Dave Reimers.

All four made the elimination cut on the first weekend of competition by posting 12game (scratch) totals as follows: Nolan, 2190; Secor, 2130; Barnes, 2072; and Reimers, 2065.

Due to an upcoming NAVAIR inspection, Barnes was unable to return to Port Hueneme for the finals of the Northern Area elimination event, but the remaining three China Lake bowlers are still in the thick of the competition after surviving the second weekend of military bowling action.

The three finalists from China Lake, and their 24-game totals, are: Secor, 4400; Reimers, 4245; and Nolan, 4245.

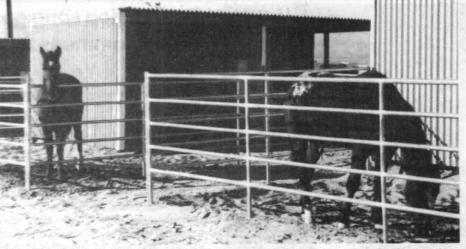
The top six military bowlers in the Southern Pacific Sports Conference championships at San Diego will advance to the Interservice Bowling Tournament that is to be held at Fort Huachuca in Sierra Vista, Ariz., during the week of April 30 to May 4.

China Lake team to enter MDISL volleyball tourney

A team from the Naval Weapons Center will be entered tomorrow and Sunday in the Mojave Desert Inter-service League (MDISL) volleyball tournament that will be held at Vandenberg Air Force Base near Lompoc, Calif.

Jerry Kissick, player-coach, will be taking as many as nine other players. At press time for this week's issue of the Rocketeer, those scheduled to join him in competing in this event were Bob Smith, Loy Vincent, Peter Love, Dick Swenson, Carl Norlund, Bob Burke, and Kevin Switzer.





NEW STABLES — Looking pleased within their new stables are horses being kept at the Naval Weapons Center's stables. Currently there are several stalls available for a monthly fee, but the facility is for use by Center residents only, and is not open to the general public. — Photo by Jim Baldwin

Fully-equipped stable is among recreation facilities available

Center a fully equipped stable tucked away

available. For a monthly rent of \$15, each

tenant has access to an arena as well as a

stall equipped with an automatic water

trough, a feed rack, hay storage area and a

It is the responsibility of the owner to feed

and care of his or her stabled animal, since

Eunice Emery topped the field recently,

to win the Ace of the Year Tournament of

She qualified for the tournament by first

Mrs. Emery's score of 71 was four points

ahead of her nearest competitors, Doris

Lalor and Sue Moulton, who both shot 18-

Other players from the ranks of the Ace of

the Month qualifiers were Sue Bates, Karen

Collins, Marge Edwards, Sonja Guiliani,

Rubye Kokosenski, Dixie Lloyd, Bobbi

Mrs. Lloyd, who tied Mrs. Emery's score,

was ineligible to win the tournament

because she was an alternate playing in the

place of an Ace of the Month winner who had

moved recently. Mrs. Lloyd garnered

second place for her efforts.

Newton, Lil Robertson, and Mertie Smith.

winning the monthly Ace of the Month

Eunice Emery wins

Ace of Yr. tourney

the China Lake Ladies' Golf Club.

playoff in February 1983.

hole rounds of 75.

Ladies' Golf Club

At the present time several stalls are

at the foot of "B" mountain.

arge tackroom.

In addition to the more commonly-known facilities maintained by NWC's Recreation Services Department, there exists on the Services Department, there exists on the

Aside from the monthly rental fee, an initial deposit of \$10 is required. Only those who keep animals at the stables are authorized to be in the area.

Potential tenants must meet the following prerequisites in order to keep an animal at the stable. The animal owner must live on the Center, and have insurance (property damage and public liability) to cover each animal. In addition, proof must be provided that the animal has been inoculated for equine influenza and sleeping sickness, and booster shots are required each years.

China Lake residents interested in keeping a horse or burro at the stables can obtain an application at the Hobby Shop, which is located behind the Navy Relief Society Building on Lauritsen Road near King Avenue.

Additional information and stable regulations can be obtained by calling Carol Hape, manager of the stables, at NWC ext. 3252.

Women players sought

Plans are in the talking stage for organizing a military women's varsity slow pitch softball team.

Military women interested in playing on or coaching such a team are asked to make this interest known by calling Patty Buckelew at NWC ext. 2911.

–Promotional opportunities–

(Continued from Page 2)

and will include work with one or more of the following technologies; fuel-air explosives, cluster weapons, obscurant and signaling devices, and chemical weapons. Job Relevant Criteria: Experience in the technical development of analysis; possess a practical working knowledge of ordnance systems engineering; ability to plan, schedule, and coordinate technical work; ability to communicate well both orally and in writing. If filled at DP-2 level, this position has potential to DP-3 but promotion is not guaranteed. Status eligibles may apply.

Announcement No. 32-098, Interdisciplinary Mechanical/Aerospace/General Engineer, Physicist, DP-830/861/801/1310-3, PAC No. 8432807, Code 3263 - This position is located in the Weapons Systems Branch "A," Conventional Weapons Division, Ordnance Systems Department. The position is that of technical coordinator for the Tomahawk Program Office for the effort to incorporate a cluster warhead into the Tomahawk missile The incumbent will review the efforts of the contractor to insure that sound design practices are followed and that Navy technical requirements including safety are met. The incumbent will integrate his efforts on the cluster warhead with the overall efforts of the NWC Tomahawk Program Office and the Joint Cruise Missile Program. Job Relevant Criteria: Experience with weapon sysem design and component integration; ability to communicate well both orally and in writing; ability to interact with personnel at all levels within and outside the government. Status eligibles may apply

Announcement No. 32-100, Physical Science Technician, DT-1311-2, PAC No. 8432806, Code 3265 - This position is located in the Detonation Section, Explosives Branch, Conventional Weapons Divison, Ordnance Systems Department. The incumbent measures models and utilizes the properties of explosives materials and their mechanical effects. Conducts experiments with detonating high explosives requiring an understanding of detonation and combustion processes. Job Relevant Criteria: Knowledge of ordnance components and devices; ability to fabricate, inspect, and assemble experimental assem blies; prepare concise and accurate experiment reports and be familiar with high speed electronic and photographic instrumentation; ability to communicate both orally and in writing; knowledge of safety procedures for explosives. Promotion potential to DT-3.

Announcement No. 32-097, Industrial Equipment Repairer, WG-5352-8, JD No. 902, Code 32533 — This position is located in the Outside Machine Shop, Process Support Branch, Process Systems Division, Ordnance Systems Department. The work is performed in the China Lake and Salt Wells Laboratories where 90 percent of the machinery and process equipment is used in the research Page Seven

Thrifty Wash team's Premier League lead nosedives to 7½ pts.

The first place cushion maintained in the Premier (scratch) League by the Thrifty Wash team took a nose dive to 7½ points during Monday night's action at Hall Memorial Lanes.

The league leaders received rough treatment at the hands of the Elks Lodge keglers, and lost this two-team matchup by a total of 19-6. That turn of events, coupled with the 21-4 rout posted by the Hideaway over the Raytheon Sidewinders, left the Hideaway just $7\frac{1}{2}$ points out of first place.

High team game for the night was the 996 rolled by the Sport Shack, while high team series honors went to the Elks Lodge and Modern Trophy teams, both of whom racked up three-game totals of 2774.

Five Premier League bowlers, led by Mike Dowd's 661, topped the 600 series mark. Others were Pat Nalley (632), Terry Ward (620), Gary Barnes (611), and Steve Ridings (605).

Those with single game scores of more than 220 were Barnes (258), Dowd (256), Nalley (243), Ward (239), Ridings (234), Dave Reimers (231), Ron Keck (226), and Floyd Hoisington (223).

Current standings in the Premier League are:

1	Team	Won	Lost
	Thrifty Wash	369.5	225.5
	Hideaway	362	263
	Elks Lodge	337	288
	Buggy Bath		305.5
	Modern Trophy		307
	The Place	297.5	327.5
	Joseph's Italian Gardens	294.5	330.5
	Raytheon Sidewinders		
	Sport Shack		
	Olympia Beer	269.5	

Seagoing fishing boats

busy again at San Simeon

The last whale-watching boats off the central California coast sailed last week; tomorrow, the first fishing boats will be heading to sea from San Simeon for the spring and summer season.

Fishing is picking up after a bit of a winter slump. Those who headed to sea last week from Morro Bay averaged a catch of 12 fish each, with the biggest fish of the week being a 16-pound lingcod.

The majority of fish caught were either red rock cod or plain rock cod, and assorted varieties of bass.

and development of propellants, explosives, pyrotechnics, and related materials. Under supervision of the equipment mechanic foreman, the incumbent is responsible for layout, fabrication, selection of procedures and techniques for installing, maintaining and repairing various machinery units used to process hazardous materials. Job Relevant Criteria: Ability to do the work of the position without more than normal supervision; knowledge of technical practices, trade theory and troubleshooting; ability to use precision measuring instruments and test equipment; ability to use machine tools, hand and power tools, and related equipment; ability to read and interpret blueprints, instructions, specifications, etc. Supplemental is required

and may be picked up at the receptionist desk of the Pe

sonnel Bldg., 505 Blandy Announcement No. PC-002, Procurement Clerk (Typing), GS-1106-03/04/05 - This position is located in the Public Works Department under the direction of the Vestern Division, Naval Facilities Engineering Command San Bruno, California, Incumbent performs duties under the cognizance of the Officer or Resident Officer in Charge of Construction to which assigned; duties may include either OICC functions or ROICC functions, and involve the preparation of related documents and processing ac tivities; establishing and maintaining subject-matter file. typing a variety of material into draft or final form, and assisting the supervisor in the procedural aspects of expediting the work of the office. Job Relevant Criteria: Knowledge of Procurement Regulations. Ability to research and interpet procurement and contracting egulations, procedures, and guidelines. Ability to organize and retrieve and record data. Ability to provide clerical support to an office. File applications with Marilyn Par-sons, Western Division, Naval Facilities Engineering mand, P.O. Box 727, San Bruno, CA 94066, Attn: Code 09G.

ement No. C-62-20, Instrument Mechanic WG-3359-11, JD No. 775N, Code 6213 - This position is located in the Instrumentation Branch of the Ordnance Test and Evaluation Division, Range Department. The incumbent will be responsible for maintenance, installation, and calibration of controllers, pen recorders and other instruments. He will also assist in the calibration of transducers for the measurement of loads, pressure, ten perature, and displacement; assist in the maintenance of closed circuit television; and assist in the installation of instrumentation and control systems. Job Relevant Criteria: knowlege and experience in instrument troubleshooting, maintenance, and calibration of process controllers and chart recorders. Ability to learn or related experience in transducer calibration techniques. Knowledge applicable to troubleshooting electronic equipment. Status eligibles may apply. Supplementals may be obtained in Room 2100 of the Personnel Dept. building.



Eunice Emery

Page Six

Recreation roundup

Bowling tourney is next on Commander's Cup athletic schedule

The next event in the schedule of Commander's Cup military athletic competition will be a bowling tournament to be held at 1 p.m. on Wednesday, March 21, at Hall Memorial Lanes.

Rules for this event call for eight-member teams (each must include at least one woman) that will represent NWC Blue, NWC Gold and VX-5.

Active duty military personnel interested in participating should call the appropriate member of the Military Athletic Committee. The list includes Dave Reimers, of NWC Blue, phone ext. 5157; Kenneth Boswell, NWC Gold, ext. 2016; and David Vaught, VX-5 ext. 5208

LUYOIE CHASE ON MARCH 21

The Covote Chase, a two-mile run at Cerro Coso Community College that will take place on Saturday, March 31, is not limited to students but is open to all runners.

Sign-ups for both men and women will start at 7:45 a.m. at the college parking lot, and the race will start at 8:30 a.m.

Winners in each category will receive an Intramural T-shirt, ribbons will be awarded through fifth place, and all participants under 14 will also receive completion ribbons

Entry fees are \$2 for general entries and \$1 for those aged 14 years and under. Holders of ASCC cards can enter the race without charge.

Anyone seeking more information should contact the Intramural Sports Director by telephoning 375-5001.

'RUN FOR LUNCH' RACE

The Over-the Hill Track Club (OTHTC) will sponsor a "run for lunch" brown bag 5kilometer special race on Wednesday, March 21, starting at 11:45 a.m.

The race will start and finish at the NWC Credit Union building on King Street. A \$1 donation is asked from each entrant in either the men's or women's divisions, and the first 20 finishers in each division will win a brown bag lunch.

Anyone seeking additional information should telephone Dave Rugg at 375-2191 after working hours.

Local girl wins jr. division of trout derby at Lake Diaz

Alisia Peterson, 13, has good reason to remember the opening day of the southern Sierra fishing season: she took first place in the junior division of the trout derby held at Lake Diaz near Lone Pine.

Alisia and her father, John Peterson, projectionist in the Program Coordinator's Office on board, were still fishing from their boat at the north end of the lake when a big trout struck her line.

After a battle, she was able to reel in the 4lb., 5-oz. trout that hit the yellow Roostertail lure she had on her line. The 21-inch trout was the largest caught that day by anyone qualifying for the junior age bracket at Lake Diaz.

Fishing had been very slow that day, she said, and the two of them had been fishing for more than four hours when the big rainbow struck.

"It's the biggest fish I've ever caught," she says.

She and her father have been fishing together for nearly 10 years, Peterson says, adding that "she and I are the only ones in the family with enough faith to fish."

The big fish is now being mounted so it can be displayed on the Peterson family living room wall, along with the plaque that Alisia received for winning the trout derby.

ROCKETEER

BASE RUNNER IN TROUBLE — Ray Haleman, lead-off batter and second baseman for

the Burroughs High School varsity baseball team, got caught off the bag at third and was

eventually tagged out on this play by Ted Simko, catcher for the Barstow Aztecs. The

latter is being backed up by Glenn Wilson, the Barstow pitcher. This was part of first

inning action in the home season opener for the Burros, who got off to a 4-1 lead enroute to

League gets underway tomorrow

The 1984 spring season of the Youth Soc- fifth and sixth grade division is playing with

Spring season of Youth Soccer

Burros varsity splits double-header with Barstow

League baseball season, the Burroughs last Saturday, got out of trouble by giving up comfortable 4-1 lead in the first inning. High School varsity nine split a doubleheader with the Barstow Aztecs last Saturday on the Burros' home field.

A homerun by catcher Dan Allen with two men on base got the Burros off to a 4-1 lead, and they went on to win the first half of the twin bill with Barstow by a score of 7-4.

In the second game, the tables were turned as Logan Ostrander, first baseman, got the Aztecs off to a 3-0 lead with a circuit clout (also with two men on base) in the first inning. The visitors held on to win this game by a final score of 4-3.

With five pre-season practice tilts under their belts, and a record of two wins and three losses to show for their efforts, the Burros are on the road today for a 3 p.m. league contest against Antelope Valley High School in Lancaster before hosting the Canyon Cowboys on Tuesday at 3 o'clock.

David Hawkins, winning pitcher for

a 7-4 victory.

athletic field

fall's roster.

Tuning up for the start of the 1984 Golden Burroughs in the first game with Barstow runners on base and the Burros had only one run in the opening frame after the Aztecs loaded the bases with no outs.

> who was thrown out at first, drove in Dino Ebel, the Aztecs' lead-off batter who drawn a walk to get on base. After that Hawkins struck out the next batter and then retired Barstow on a fly ball that was caught in center field for the third out.

> at-bat. Ray Haleman, lead-off batter, drew a walk and stole second base before going to third on a single by Daniel Means. Mark Kaupp was hit by a pitch and the bases were loaded with no outs.

> Some of the pressure was taken off Glenn Wilson, starting pitcher for the Aztecs, when Haleman was picked off by a throw to third base, but Kevin Blecha came through with a double that drove in Means. This was followed by Allen's home run with two

The Burros started off strong in their first

A ground ball off the bat of Ostrander,

the visitors until they pushed across a single

Tim Lewis got an RBI single in the bottom of the third that drove in Kaupp, who was safe at first earlier in the inning on a fielder's choice.

PITCHER OFF TO BAD START

Barstow in the top of the fourth inning, promptly got into trouble by issuing a walk to Steve Vie and hitting James Delgado with a pitch. Haleman then laid down a perfect

Daniel Means popped out to third base: Kaupp singled to drive in Vie with run No. 6 for the Burros; but Kevin Blecha hit into a double-play to end the inning.

Barstow threatened to score during its turn at bat in the top of the sixth inning by managing to get the bases loaded with two outs, only to have Steve Costa, the Aztecs' designated hitter, tap a ground ball that was

In the bottom of the sixth, Steve Vie led off with a single to center, moved to second on a sacrifice bunt by Delgado and scored on a hit by Means that gave the Ridgecrest team a 7-3 lead as Barstow came to bat for the final time in the home season opener for Burroughs.

showed signs of tiring as he gave up a leadoff double to Ebel, who scored on an error when Tyrone Angel blasted a shot through the infield. The next three batters for Barstow went down in order. Two of them grounded out and Hawkins struck out the third (James Jones) to end the game.

pounded out a total of nine hits - seven singles (three by Means) and a double and a In the second half of the double-header

with Barstow, the Aztecs got off to a 3-0 lead in the first inning — thanks to a home run by Ostrander with two runners on base.

The Burros tallied a run in the bottom half of the first inning and two more in the third, but then allowed the visitors to score what turned out to a game-winning run in Rowdies, 8 a.m.; Owls vs. Apollos, 9 a.m.; the fifth inning of the seventh-inning contest

Haleman led off the second game for Burroughs with a single in his first time at bat, and Kaupp and Blecha also hit safely. Blecha's blow to center field brought in

STOLEN BASE - Ray Haleman, second

March 16, 1984

in the top of the third, when a walk and an error put the first two Aztec batters on base, and Ostrander delivered a hard hit past first base that brought them both to score. That turned out to be all of the scoring for

tally in the top of the seventh, while the Burros picked up solo runs in the third, fourth and sixth innings to move ahead 7-3 before the Aztecs came to bat for the last time in game No. 1.

David Chavez, who came in to pitch for bunt to load the bases with no outs.

turned into a forced out at second base.

HAWKINS EARNS WIN

Hawkins, on the mound for the Burros.

Hawkins, the winning pitcher for Burroughs, gave up just three hits, struck out six and walked two. Wilson was the losing pitcher for Barstow. The Burros home run by Blecha and Allen, respectively.

(Continued on Page 7)

baseman for Burroughs, goes up high for a throw that missed the mark as a base - Photo by PHAN Rebecca Gill bag.



cer League, sponsored by the NWC

Recreation Services Department, will get

underway tomorrow morning at 8 with

games at Davidove and Kelly Fields, as well

as at the Richmond Elementary School

This year there are more than 460 players

in the first through ninth grades signed up

for play; that's 75 players more than last

Thirty-one teams are taking the field this

Alisia Peterson

grade players kicking off on Saturday morning with three teams. The schedule of games for the opening day is as follows: At Richmond School - Eagles vs.

eight teams and the seventh through ninth

- Photo by PHAN Rebecca Gill

Cobras vs. Roadrunners, 10 a.m.; Express vs. Coyotes, 11 a.m. and Chiefs vs. Fury, 12 noon

At Davidove Field - Aztecs vs. Lancers, 8 spring, with the first and second graders a.m.; Blizzard vs. Drillers, 9 a.m.; Strikers Timbers, 11 a.m. and Sockers vs. Cosmos, 12

> At Kelly Field - Hotspurs vs. Bandits, 8 a.m.; Bandits vs. Lasers, 8:45 a.m.; Lasers vs. Hotspurs, 9:30 a.m.; Kicks vs. Roughnecks, 10:15 a.m.; Tornado vs. Diplomats, 11:30 a.m.; Surf vs. Sounders, 12:45 p.m. and Whitecaps vs. Rogues, 2 p.m.

Racquetball tourney for

military set at San Diego The Southern Pacific Racquetball

Championships, a competition open to all active duty military personnel, will be held at the Naval Base, San Diego, from April 9 through 13.

Entrants will be divided into Men's Open (all ages); Senior Men (must be 35 years old by April 9); and Women's Open (all ages).

Travel arrangements and lodging for participants in San Diego will be handled by NWC Recreation Services Department.

Entry forms are available at the Center gym office and may be turned in there until 4:30 p.m. on March 23. Additional information may be obtained by calling the runner for Barstow slides safely into the NWC gym office, phone ext. 2334 or 2571.

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ROCKETEER

Page Three

The Skipper sez

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

QUESTION

ACT Y

I just read in the NWC Announcements, Issue 84-33, about travel advance information and have a few comments:

The maximum for airline ticket advances is \$100. I understand that Travel is including in our advances money for the airline tickets from Inyokern to LAX. in order that the airline does not have to wait for payment from the government. Round trip tickets will be more than \$100, so it is up to the traveler to make up the difference out of the 80 percent estimated per diem. The traveler will wait for the government to reimburse him.

What is the logic of cutting back on how early travel advances are paid? Many travelers make trips back to back, and need the advance before they leave on the first trip. Is it to control traveling? There are better ways to control travelers who are abusing the system.

Also, on the point of 15 days for repayment of any over advance for travel, this is fine, IF Travel will guarantee to get our money back to the traveler within 15 days of receipt of a voucher. It seems a little one-sided.

I feel travel is a real inconvenience, and personally only travel if it is really necessary - but it is not right to make it more inconvenient, by putting money constraints in the works so that the traveler has to charge by credit card. Credit card companies charge 21 percent interest, while the traveler is waiting for repayment. Thanks. ANSWER

Here at the Center, we are currently operating under a unique situation. During January, one local airline was experiencing financial difficulties, and the other did not have a ticketing agreement with the Personnel Support Detachment (PSD) Transportation Office that would allow the use of a Government Transportation Request (GTR). The Joint Travel Regulations (JTR) allow the Center to include the cost of airline tickets as part of the travel advance.

Since each leg of the trip (Inyokern to Los Angeles, Los Angeles to Inyokern) costs \$58, it was well within the guideline of the JTR. Due to this unique situation, ticket costs were limited to 80 percent of the cost; the travel advances did include the full cost of round trip tickets.

The new policy revisions issued by the Navy Comptroller's Office referred to in NWC Announcement, Issue 84-33 (one concerning new time limits on picking up advances), have been rescinded for civilian employees pending negotiations with union representatives, as announced in NWC Announcement, Issue 84-43, dated 31 January 1984.

I regret the confusion caused by these Announcements. I agree that travel, while a part of many employees' jobs, is usually an inconvenience to both the travelers and their families. However, the Naval Weapons Center is required to comply with regulations established by higher authority on the payment of travel advances. I have frequently asked for exceptions and will continue to do so.

When a traveler goes on travel for one week and files a claim within the required 15-day timeframe, the normal payment processing timeframe is ten days if the claim is complete upon receipt (does not require additional information, signature or authorizations). Under normal conditions, the traveler receives payment before being billed by his credit card company and, therefore, has the resources to make payment without incurring an interest charge.

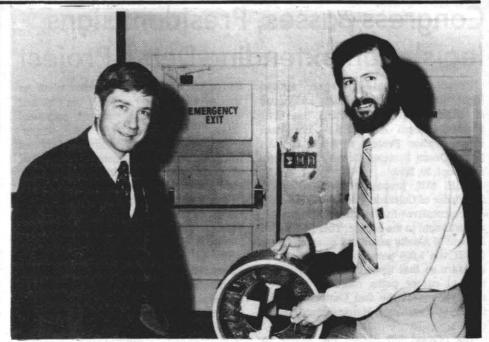
Technical Director Award . . . (Continued from Page 1)

lasers. This included the use of C02 laser beacons with Forward-looking Infared (FLIR) equipment, demonstrations of rescue and landing systems for FLIRequipped helicopters, and demonstrations of offset bombing using FLIR beacons.

Four years ago, the job that he was doing in the Fuze and Sensors Department was transferred to the Aircraft Weapons Integration Department, and he has continued his work on CO2 laser radar applications with increased emphasis on tri-service utilization of such devices.



OUTSTANDING SAFETY RECORDS NOTED - A few minutes' time was taken at the start of the Commander's meeting on Monday, March 5, during which Capt. K. A. Dickerson (at left) presented safety awards to the representatives of four departments. The recipients were (I.-r.) Capt. H. H. Harrell, Public Works Officer; Bill Lamb, the Range Department's Associate Department Head for Systems Engineering; Capt. J. T. Phaneuf, head of the Aircraft Department; and Magnus Pladson, Associate Department Head of the Engineering Department. The Public Works and Range Departments each received certificates denoting 500,000 manhours of accident-free operations during the period from April to November 1983 and January to December 1983, respectively. Cited for 1 million manhours of accident-free operations were the Aircraft and Engineering Departments during the periods from June 1982 to December 1983, and from November 1982 to December 1983, respectively. Photo by Clare Grounds



VISITOR FROM WASHINGTON - Dr. E. Edward Baker (at left), science advisor to the Chief of Naval Operations' Executive Panel, was briefed on the Vertical Launch ASROC (anti-submarine rocket) during a visit here on Friday, March 9. The briefing was given by Scott O'Neil, who is shown pointing to the rocket's thrust vector control system. O'Neil, who heads the Vertical Launch ASROC Program Office in the Ordnance Systems Department's Propulsion Systems Division, discussed NWC's responsibilities for the propulsion control design of the rocket. The lead laboratory on this program is the Naval Ocean Systems Center, San Diego. - Photo by Clare Grounds

Luncheon March 22 highlights Women's History Week events

A full schedule of events is planned in celebration of Women's History Week next week at NWC, under the sponsorship of the Federal Women's Program.

A highlight of the week will be the Women's History Week luncheon on Thursday, March 22, at 11:30 a.m. at the Commissioned Officers' Mess when Stephen Anderson-Davis, of Anderson-Davis and Associates, will be the featured speaker. His topic is "Women Succeeding - People Succeeding."

Anderson-Davis, who has a master's degree in personnel management, has trained more than 10,000 management personnel and employees during the past decade. He has appeared on television news and talk shows, has written for (and been written about in) newspapers and magazines extensively. In addition, he has served as an expert witness and as a consultant to attorneys litigating sexual harassment cases.

Tickets for the luncheon can be purchased from members of the Federal Women's Program Committee and from the Equal Employment Opportunity Office, NWC ext. 2738. Menu choices are either a chef salad at \$5 or stuffed peppers for \$5.20 per person.

Sidewinder snake removed from range operations building

An intruder was spotted in the G-1 range operations building on the weekend of March 3 - a sidewinder. The native desert dweller was found in the cellar on the northwest side of the building, according to China Lake police, who summoned members of the Mojave Green Project team to catch the snake.

Local herpetologists warn that with the warm, springlike weather, a lot of sidewinders can now be found, along with other members of the rattler family.

Anyone who heads into the desert or does any rock climbing should be careful not to put hands or feet anyplace that hasn't been Norway visit ... checked visually first. Cellars or dark, cool buildings are also sites where snakes are often found - and so are garages.

While snakes are not aggressive, they will strike if they feel themselves threatened.

Anyone finding a sidewinder or rattler should telephone the police, who will alert members of the Mojave Green Project team. The snakes caught by the Mojave Green Project members are transported to Los Angeles where they are used for the production of antivenin.

Department of Fish and Game officials also remind local residents that state law forbids the killing of snakes unless the snakes are a clear and imminent threat to people or livestock.

Another highlight of the week will be a three-hour program entitled "Personal Safety and Self Defense" to be held in the Michelson Laboratory Auditorium Rm. 1000D, from 8 to 11 a.m. on Friday, March 23.

Advance registration is not required to attend this program, which will be conducted by Trisha Brinkman, of Anderson-Davis and Associates, but seating in the room is limited.

Participants will learn how to recognize and assess potentially dangerous situations; myths and facts of personal violence and resistance; assertive and effective body language communications: safety information for home, public, workplace and special situations; legal and personal rights, and realistic self defense techniques.

Ms. Brinkman, a member of the San Francisco Mayor's Commission on the Status of Women's Rape Prevention and Education Committee, designed her selfdefense personal safety course based on training she received from various martial arts and law enforcement agencies. She holds a bachelor's degree in human development.

Other events scheduled during the week include a workshop entitled "Working Parents - The Child Care Dilemma" on Tuesday at the Training Center from 1 to 3:30 p.m. to be conducted by Polly Ferraro, manager, and a staff of local experts from the Children's Center. Advance registration is required and may be made by telephoning the EEO office, NWC ext. 2738 or 3129.

Two more workshops planned include "Men and Women Working Together," and "Women Succeeding," both of which will be led by Anderson-Davis. A training authorization and request form had to be submitted through department channels by March 15, in order to register for either of these workshops that will be held on March

(Continued from Page 1) Americans examined were recreation facilities, such as a large swimming pool, bowling alley, rifle range, restaurants and other vast underground areas - all a minimum of 20 meters deep in solid rock, that have been developed by the Norwegians as parts of the nation's civil defense and military preparedness efforts.

Upon completing their analysis of the new data obtained. Drs. Austin and Eastler, who were invited by the Norwegians to review work that they had done two years previously in northern Norway, will prepare a publication of their findings and also present classified briefings to scientists and engineers at the Naval Weapons Center.

Page Four

March 16, 1984

Congress passes, President signs legislation extending Demo Project

of Representatives extending the Civil Service Reform Act (CSRA) Personnel-Demonstration Project at NWC and the Naval Ocean Systems Center, San Diego, until Sept. 30, 1990.

H. R. 4336, proposed by Rep. Patricia Schroeder of Colorado, passed the House of Representatives in November of last year, and was sent to the Senate. There, Sen. Ted Stevens of Alaska submitted an amendment to lift the 5,000 personnel ceiling on the measure so that those newly hired or additional career paths could be added if management at the two Centers and the Office of Personnel Management (OPM) concur.

The revised bill passed the Senate in February, and was sent back to a House Conference Committee to iron out the differences.

The Demonstration Project has been the subject of widespread interest, both within the Department of Defense and elsewhere in the government

DoD proposed legislation to the Office of Management and Budget (OMB) last July requesting "An alternative Federal personnel management system.'

The Defense Science Board Summer Study in 1981 recommended DoD-wide implementation of the Demonstration Project at the two laboratories, and a tri-service working group in the summer of 1982 developed this draft legislation.

DoD civilian personnel directors and senior personnel before being forwarded to the OMB. The draft was then informally reviewed by the OPM, and remitted to the OMB in November.

Features of the proposed project include separate career paths for similar occupations, broad pay bands, and coverage for all General Schedule and merit pay personnel, excluding the Senior Executive Service. A method for determining pay rates acknowledges differences in job difficulty, responsibility and other performance factors.

The OPM would prescribe regulations governing the preparation of agency plans,

Nearly 150 acres of **Owens Valley burns** due to illegal fire

Not only did some fishermen from Trona light an illegal camp fire near the Owens River just north of Westgard Pass Road near Big Pine, but they wandered off to fish and the fire got out of control.

As a result, more than 150 acres of riparian habitat burned on both sides of the Owens River. The fire began at 1:13 p.m. last Saturday and hot spots were still being extinguished at noon on Sunday.

because of the unusually dry spring, fire danger is already severe. Forest Service and Department of Fish and Game personnel warn that anyone setting a campfire should be sure that it is in a legal area, and should be doubly sure that the campfire is completely extinguished before leaving the site.

MIKESLAB by Bill Erwin

President Ronald Reagan signed and would also approve agency plans as legislation passed by the Senate and House well as monitor and evaluate the cost and effectiveness of the changed personnel systems

> The legislation provides a broad framework for development of individual agency plans, similar to the framework used by the NWC-NOSC plans.

> The draft legislation is currently under review by both the OPM and the OMB, and will next be forwarded to non-DoD agencies for review shortly.

> The Office of Science and Technology Policy (OSTP) is also interested in the Demonstration Project, especially in light of the report of the White House Science Council Federal Laboratory Review Panel. This panel, headed by David Packard, recommended strengthening Federal laboratories (not just in DoD) by initiating management improvements and by establishing a scientific and technical personnel system independent of current Civil Service systems such as the Demonstration Project

> The OSTP and an interagency committee are currently reviewing the DoD draft legislation and considering changes in coverage and pay approaches, as well as reviewing alternative options for legislation with DoD agencies and with the OPM.

Applicants sought for Congressional This draft legislation was reviewed with Summer internships

Applicants for Congressional internships in Washington, D.C., this summer are currently being sought by Congressman Bill Thomas (R-Bakersfield.)

In order to be eligible for consideration, applicants must be in at least their junior year in college and have a 3.0 grade point average. Their employment is made possible, Congressman Thomas said, by a Congressional program that provides college students with the opportunity to learn about federal government operations in the nation's capital.

Those selected as Congressional interns will be involved in conducting research on issues affecting the 20th District. They also will lend a hand in helping to handle constituent problems, Congressman Thomas added.

Interns are provided airfare for travel to and from Washington, D.C., and receive living expenses during the two-month period covered by the Congressional intern program.

The program calls for working for two weeks in the Bakersfield, Lancaster or San Luis Obispo District Offices of Congressman Thomas and six weeks in Washington, D.C.

Applicants are asked to submit a detailed resume and a 250-word essay on their career lans, in addition to stating what they expect to learn from their experience in Washington.

Send applications to Congressman Bill Thomas, 324 Cannon House Office Building, Washington, D.C. 20515. Applications must be postmarked by April 5, and appointments will be announced by April 15.



INTERESTING BRIEFING — Tom Hampton, Sidewinder Program Manager, describes the operation of the AIM-9L to Walter L. Wagner, Assistant Deputy Commander for Strike, Reconnaissance, Electronic Warfare and Assault Programs in the Naval Air Systems Command, as Gerry Schiefer, Laboratory Director (behind Wagner), looks on Wagner received a series of briefings about Center programs during his recent visit to - Photo by Clare Grounds China Lake.

Allocation of funds to United Way member agencies announced

The board of directors of the Indian Wells \$2000; Children's Hospital of Los Angeles, Valley United Way recently approved an \$4,569.50, \$4,570; China Lake Mountain operating and allocations budget for this year, a budget that reflects an increase of about 25 percent over the one for 1983.

This increase, which makes possible a higher level of service to local residents, could be granted because of the increase in donations received through the Combined Federal Campaign at NWC and the Ridgecrest Post Office and through the separate United Way campaign in Ridgecrest.

Anticipated revenues this year to the United Way total \$155,784.50, of which approximately two-thirds will be received from the Combined Federal Campaign.

Each of the member agencies will receive, at a minimum, the moneys designated to that agency by donors. The remainder of funds that were not designated by donors were allocated after careful examination of agency budgets by the United Way Budget Committee

The amount of money designated, and the budget allocation for agencies, is as follows: American Red Cross, designated \$3.024. allocated \$4,000; Boy Scouts of America, \$3,259.05, \$14,000; Campfire Girls, \$268.70, \$7 000. Children's Home Society, \$659,

China Lake Police reports . . .

restricted area east of the stables were pick- known as a throwing star, from an aded up by the police on Sunday afternoon. vertisement in "Shotgun News." The They were found also to have an illegal

weapon — a blow gun — in their possession. juveniles were turned over to their parents. The juveniles were transported back to the police station and then released to their

parents. WEAPON CONFISCATED

At 10 a.m. on Tuesday, two white male juveniles were taken into custody at Murray Junior High School because they were in possession of a dangerous weapon. They

Some juveniles who were headed into a said that they had purchased the weapon, weapon was confiscated, and the two

Rescue Group, \$5,852.55, \$5,853; Civil Air

Patrol, \$803, \$4,000; Council on Alcohol

Awareness, \$993.90, \$4,000; Desert

Counseling Clinic, \$1,751, \$5,800; and Girl

Other agencies, the amount designated

and the amount allocated, include:

Homemakers of Indian Wells Valley,

\$5,160.70, \$12,000; IWV Association for

Retarded Citizens, \$7,273.95, \$7,406; IWV.

Search and Rescue, \$3,628.65, \$3,629; Legal

Aid Society, \$413, \$3,000; One-to-One,

\$512.20, \$1,600; Problem Pregnancy

Assistance, \$1,790, \$3,000; Salvation Army,

\$8,935, \$25,400; Senior Information and

Referral, \$744, \$1,800; Traveler's Aid, \$280,

\$280; USO, \$203, \$203; and We Care of Indian

Campaign and administrative costs for

this once-for-all annual drive were a little

under \$8,000, or less than five percent of the

moneys collected. Allowance has also been

made for "shrinkage" - moneys donated

through payroll withholding that for some

reason will not be collected, and for pilot

programs that may require funding

Wells Valley, \$6,448.95, \$14,500.

throughout the year.

Scouts of America, \$1,917.10, 54,000.

VANDALISM REPORTED Two incidents of vandalism to vehicles parked in the vicinity public schools on the Naval Weapons Center were reported to China Lake police on the afternoon of March

The windshield of a car parked at Murray Junior High School was broken, and six outof-control juveniles were taken into custody after an episode of rock throwing that resulted in a broken car window at a dirt lot

At noon Tuesday two subjects, who said they were from San Jose, Calif., were observed trying to sell electronic equipment from the back of their truck that was parked near the Navy Exchange gas station. They were issued a letter of trespass and escorted off the Center.

CURRENCY EMBEZZLED

The investigative branch of the China Lake police assisted the Ridgecrest police in a judicial investigation of currency embezzled from the Ridgecrest branch of the NWC Federal Credit Union. The Federal Bureau of Investigation has been notified.

adjacent to the Groves Elementary School. Cost of repairing the damage was estimated at \$150 in each incident. TRESPASSERS CITED

Valley. Museum.

attend.



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active duty in the Navy. Capt. Scotty Vaught, NWC Chief Staff Officer, administered the reenlistment oath to ADC Fisher, who is now the NWC Maintenance Control Chief (night check) in the Aircraft Department's Aircraft Support Division. ADC Fisher, who joined the Navy in Harrisburg, Pa., in February 1969, began his most recent tour of duty at NWC three years ago - following his transfer from Attack Squadron 93 on the aircraft carrier USS Midway, homeported at Yokosuka, Japan. He also is shown in lower photo when he was reenlisted in May 1971 by Capt. R. E. McCall, then Commanding Officer of the Naval Air Facility. Then a 3rd class petty officer, Fisher was assigned to the Aircraft Intermediate Maintenance Department for a period of nearly 21/2 years

Contract let for paving, repair of roads, runway shoulders, taxiways at airfield

Work began two weeks ago and will continue through September on a contract, awarded to the Asphalt Construction Co. of Lancaster, that calls for the paving, repair and maintenance of roads, parking areas, runway shoulders and taxiways at and in the vicinity of Armitage Airfield.

Also included in the \$2,696,000 contract is the resurfacing of the Magazine Loop Road, which covers a distance of approximately 4½ miles, and the rerouting of a portion of Sandquist Road by moving it approximately 800 ft. eastward at the approach to the airfield, where a new guard shack is to be

Emergency Service Volunteer Council to meet tomorrow

The Indian Wells Valley Emergency Services Volunteer Council will meet tomorrow at 10 a.m. at St. Michael's of the concrete. Episcopal Church, 200 Drummond Dr., Ridgecrest

Anyone interested in disaster services is are volunteers in member organizations.

Topics for discussion include a report on the Death Valley exercise held recently as a joint operation with Inyo County and Nye County, Nevada; and introduction of Dick Millis, Assistant Disaster Preparedness Officer for NWC and Assistant Emergency Services Coordinator for the Indian Wells

Museum slates lecture about Kalahari Desert

A lecture and film slide presentation entitled "The Kalahari Desert, the Bushmen of the Namibia Plains, and the Wildlife of the Okawango Delta", will be presented next Thursday, March 22, at 7:30 p.m. in the Sylvia Winslow Gallery of the Maturango

Prior to the lecture, Giovanna Holbrock will answer questions and give a short presentation on the upcoming trip that is being planned to the Galapagos Islands. Anyone interested in this trip is urged to

erected. The work on the runway shoulders will be done in phases (one runway at a time) so as not to interrupt flight operations. It consists of installing a 10 ft. wide, 2 in. thick layer of asphaltic concrete immediately adjacent to the runways.

In addition, for a distance of 140 ft. on each side of the runways, the surface will be scarified and recompacted; new crash truck shelter roads will be installed; and the taxiways also will be topped by a 2-in. layer of asphaltic concrete.

(Continued from Page 1)

drain into a ditch prior to 1981, and residues left after fire fighting training activities that either ran through cracks in the concrete area used for such tests or ran off the edges

Testimony at the hearing was presented by Nelson Wong and Bob Dodds, staff members of the Lahontan Board, by Dodson welcome to attend, in addition to those who for the Navy, and by Tom Kovack of the State Department of Health Services from Fresno, who reported that that organization is trying to decide what level of cleanup should be required.

Kovack noted that the water that could be affected had limited use since it was moving away from the areas where pumping was ongoing and that the water quality in that part of the valley was not as good as water on the other side of the barrier.

Although Paul Lipinski, a hydrologist from the U.S. Geological Service (USGS), was attending the hearing merely as a concerned citizen, he was asked to testify about the likelihood of the water gradient changing and allowing the contaminated water to flow toward the areas where potable water is being pumped. He stated that relatively little was known about underground water structure of the local area, but that the USGS is currently studying this region and some data should be available by the end of this fiscal year.

After thanking Dodson for his highly

Work environment problems of women is subject of study

clarification about the questionnaire sent to women on Center by the Safety Program Office and the Federal Women's Program (FWP)

This survey will provide information to be used in local safety program management and in off-Center reporting to the Naval Material Command. Results will also be forwarded to the Naval Sea Systems Safety School.

Data collected from this survey will help determine the nature and extent of work environment problems experienced by women employees at NWC (a quality of work/quality of life issue), and will be used to develop a research data base on environmental conditions of traditionally female occupations at the Center.

A large amount of information about traditionally male occupations and their related health and safety issues already exists, but very little information has been developed in the public or private sectors concerning traditionally female occupations. Such a research data base is important in defining health and safety issues that may exist but have not been previously ad-

The Federal Women's Program is interested in the data from a "quality of

Claims Office moves to new location in Supply Staff Office

NWC's Claims Office moved recently and is now located in the Supply Staff Office (Code 2502) at 515 Blandy Ave., Rm. 38.

According to Cathy Chipp, claims investigating officer for NWC, the types of claims handled by this office include those for household goods owned by either military or civilian personnel that were damaged or lost while in transit or storage during a permanent change of station (PCS) move; personal property that is stolen or damaged while the owner is on-Center or on official travel; or personal property damaged by an accident while the owner occupies on-Center housing. An example of this could be flooding caused by broken pipes in a residence.

Anyone having any questions about what type of claim to file or with whom to file it should contact the claims investigating officer by calling NWC ext. 2171.

No danger from waste fuel . . . members of the Lahontan Board ruled that the Navy shall submit to the Regional Board by June 1 a report describing a plan to recover and dispose of the free product jet fuel in the groundwater and to contain, treat, and/or dispose of the hydrocarbon

contaminated groundwater underlying Armitage Field, including contaminated water pumped as part of the recovery operation.

By Dec. 1, the Navy shall implement the proposed plan to recover all free product jet fuel from the groundwater underlying Armitage Field, and by March 1, 1985, shall submit to the Regional Board quarterly reports describing the status of the cleanup project.

By June 1, 1985, the Navy shall design and install a fire fighting practice facility which will prevent the discharge to groundwater of any waste fuels and until that time shall minimize any further pollution by fire fighting activities.

By June 1, 1985, the Navy shall complete the recovery of all free product jet fuel from the groundwater at the fuel supply area, and by July 15, 1985, submit a report summarizing the completed cleanup operations of free product jet fuel - including information on the total amount of fuel recovered and the concentration of hydrocarbons remaining in the groundwater

The Navy estimates that minimum cost of the cleanup effort will be \$100,000, with the professional presentation and noting their same amount being required to build the appreciation for the Navy's concern, new fire fighting practice facility.

Questions from callers indicate a need for work/quality of life" perspective. Are women experiencing adverse working conditions that can be identified and corrected? From a research perspective, the data should address unanswered questions about work environments for women. Indications of problems that apply to the general working population will also be addressed by the Safety Program Office.

The results of the survey will be published in the Rocketeer in a summary format, along with appropriate health and safety guidance.

No individual responses will be traced. Those concerned about anonymity should write the occupational category best describing their position: professional, technical, clerical or administrative and omit job series or title and grade from question No. 22 of the survey.

Questions about the purpose and content of the survey should be addressed to either Susan Ellis, phone NWC ext. 2362, or Mary Kilpatrick, NWC ext. 3129.

Naval Reserve Chief commends local unit for outstanding work

Naval Weapons Center Support Unit 0176, a Naval Reserve unit based at China Lake, is the recent recipient of a letter of commendation from Rear Admiral W. D. Daniel, Chief of the Naval Reserve, for outstanding performance during two periods of active duty for training.

During once such period of active duty, the 31 officers and enlisted personnel of NWC-0176, a Naval Air Systems Command Reserve Support Unit, recovered 14 valuable J79-10 smokeless engines that had been destined for destruction in survivability-lethality testing.

This one project alone, which called for 21 engine changes in a 14-day period, resulted in \$15 million savings in resources for the U.S. Navy.

The local reserve unit again demonstrated its superior abilities while 36 officers and enlisted personnel were assigned to active duty for training at the Naval Air Station North Island, Calif.

The unit undertook advanced technical projects requested by Helicopter Combat Support Squadron Nine to improve its mission capability

Undertaken by members of NWC-0176 were four projects designed to decrease aircraft infrared/heat emission and increase the helo squadron's capability in the areas of firepower, navigation and self-

Award-winning films to be shown Tuesday at open STC meeting

All members of the community are invited to see winning entries in the seventh annual audiovisual competition sponsored by the Society for Technical Communication (STC) when these are shown at a meeting of the Sierra-Panamint Chapter on Tuesday at 7:30 p.m. in the Community Room of the Desert Counseling Clinic, 814 N. Norma St., Ridgecrest.

The program will be conducted by Marty Shelton, who serves both as president of the local STC chapter and as manager of the International STC Audiovisual Competition. Winner of the best of show category is "War," produced as a Chevron School

Broadcast in San Francisco. Other award winners to be shown are "XL-20, Our Quality Shines Through," by Stelco, Hamilton, Ontario; "The Louisville Orchestra," by PW, Inc.; "Philanthropy at the University of North Carolina," by the University of North Carolina; "Between Two Worlds," by Meridian Productions, Santa Fe, N.M.; and "Smoking and You,"

by Learning Tree Publishing, Englewood, Colo Refreshments will be served at the meeting.