



**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.

## Viola player to be featured in lecture-recital at college tonight

The lecture hall at Cerro Coso Community 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 violinist Cynthia Fogg, who will be accompanied at the piano by Gayle McComb during a program entitled "The Viola: More Than Just a Big Violin."

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 camps.

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

## 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.

### MOVIES

(G) ALL AGES ADMITTED  
General Audiences  
(PG) ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) RESTRICTED  
Under 17 requires accompanying  
Parent or Adult Guardian

Regular starting time 7:00 p.m.

FRIDAY, SUNDAY	MARCH 16, 18	"NATIONAL LAMPOON'S VACATION"
		Starring Chevy Chase and Beverly D'Angelo (Comedy, rated R, 98 min.)
SATURDAY	MARCH 17	"THE VERDICT"
		Starring Paul Newman and Charlotte Rampling (Drama, rated R, 129 min.)
MONDAY	MARCH 19	"SPACE RAIDERS"
		Starring Vince Edwards and David Mendenhall (Science Fiction, rated PG, 83 min.)
WEDNESDAY	MARCH 21	"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 price.

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 months, 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

From: \_\_\_\_\_

PLACE  
STAMP  
HERE

To: \_\_\_\_\_

## 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 2.3-acre area at the fuel farm, is the major site of concern.

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 plays — 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

## 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 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 Oslo.

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 tem-

perature never dropped more than 10 or 20 degrees below zero Centigrade, Dr. Austin said.

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

defense and government personnel, including 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.

**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 aforesaid section of the carbon dioxide (CO2) laser radar.

## Tech Director Award presented to Hintz for contributions in field of laser radar

The NWC Technical Director's award in recognition of his outstanding contributions in the field of laser radar was presented last Friday to Robert T. Hintz, head of the Laser Technology Office in the Targeting Division of the Aircraft Weapons Integration Department.

The presentation was made by B. W. Hays before an audience of co-workers of the honoree, as well as Capt. K. A. Dickerson,

NWC Commander; Gerry Schiefer, Deputy Technical Director, and Dr. Ed Kutchna, 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 CO2 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 CO2-type laser radars for evaluation.

### INVOLVED IN DESIGN REVIEWS

Dr. Kutchna, 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 CO2 laser sensor.

In addition to his duties as head of Code 31's CO2 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 CO2 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 CO2

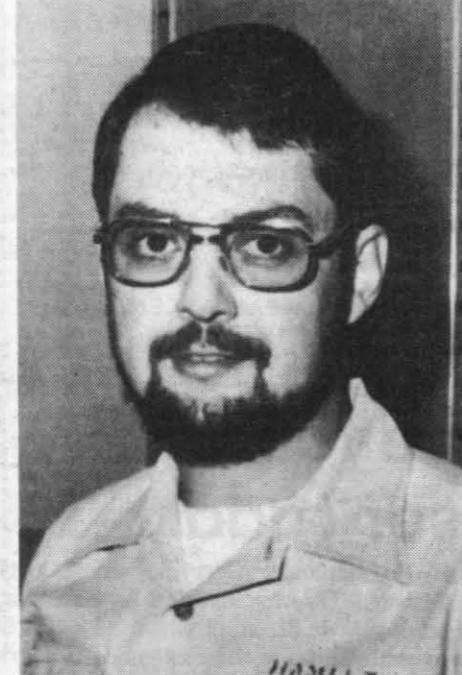
(Continued on Page 3)



March 16, 1984  
Vol. XXXIX, No. 11

NAVAL WEAPONS CENTER  
CHINA LAKE  
CALIFORNIA





REENLISTS FOR 2 YRS. — James Hamilton, an aviation storekeeper 2nd class, has reenlisted for another two years of active duty in the Navy.

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.

Tech Library tours slated

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

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

Promotional opportunities

Applications (Standard Form 171) should be in the drop box at the Reception Desk of the Personnel Dept., 505 Blandy. Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current permanent NWC employees only.

Announcement No. C-41-05, Warehouse Worker, WG-6073, Code 414 — This position is located in the Aircraft Department, Ordnance Division.

Announcement No. C-42-23, Electronics Engineer, DP-85-2/3, Code 423 — This position is head, Range Development Branch, Range Instrumentation Division, Range Department.

Announcement No. C-41-04, Electronics Technician, DT-854-2/3, PAC No. 8341589N, Code 4131 — This position is located in the Tracking and Control Branch, Engineering Support Division.

Announcement No. C-42-15, Mechanical Engineer, DP-830-2/3, PAC No. 8245229E, Code 42322 — This position is located in the Metric Video Section, Range Development Branch.

Announcement No. C-41-04, Electronics Technician, DT-854-2/3, PAC No. 8341589N, Code 4131 — This position is located in the Tracking and Control Branch, Engineering Support Division.

Announcement No. C-41-05, Warehouse Worker, WG-6073, Code 414 — This position is located in the Aircraft Department, Ordnance Division.

Announcement No. 34-113, Interdisciplinary, Computer Scientist, Physicist, General/Mechanical/Electronics/Industrial Engineer, Mathematician, DP-801/830/855/896/1310/1520/1550-2/3; Mechanical/Electronics/Engineering Technician, DT-402/854-2, Code 3487

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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.

Announcement No. 31-922, 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.

Announcement No. C-42-04, Supervisory Interdisciplinary Position, Electronics Engineer, Physicist, Computer Scientist, DP-855/1310/1530-3, Code 4234 — This position is located in the Systems Safety Branch, Product Assurance Division.

Announcement No. 36-112, Interdisciplinary Computer Scientist, Physicist, General/Mechanical/Electronics/Industrial Engineer, Mathematician, DP-801/830/855/896/1310/1520/1550, Code 3487 — This position is located in the Systems Safety Branch, Product Assurance Division.

Announcement No. 26-024, Administrative Assistant, DA-341-1, PAC No. 8426020, Code 2432 — This position is located in the Environmental Branch, Engineering Division.

Announcement No. 32-099, Interdisciplinary, Mechanical/Aerospace/General/Chemical Engineer, Physicist, Chemist, DP-2/2-830/861/801/892/1310/1320, PAC No. 8422848, Code 3243 — This position is located in the Weapons Systems Branch "A", Conventional Weapons Division.

DIVINE SERVICES: PROTESTANT, ROMAN CATHOLIC, JEWISH, UNITARIAN. Sunday Worship Service 1000, Bible Study 1130/1230, etc.

The Rocketeer Official Weekly Publication Naval Weapons Center China Lake. Captain K. A. Dickerson, NWC Commander. Dennis Kline, Public Affairs Officer. Don R. Yockey, Editor.

Secretarial opportunities. This column is used to announce secretarial positions for which a minimum and job requirements may vary generally.

Burros baseball . . .

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

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.

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.

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 12-game (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.

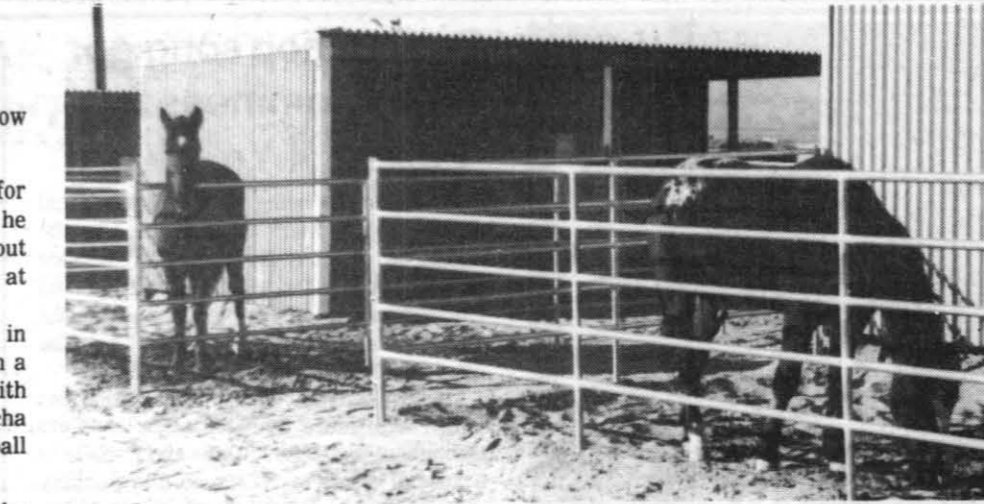
The three finalists from China Lake, and their 24-game totals, are: Secor, 4400; Reimers, 4245; and Nolan, 4245.

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.

Fully-equipped stable is among recreation facilities available

In addition to the more commonly-known facilities maintained by NWC's Recreation Services Department, there exists on the Center a fully equipped stable tucked away at the foot of "B" mountain.

At the present time several stalls are 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 large tackroom.

Eunice Emery wins Ladies' Golf Club Ace of Yr. tourney

Eunice Emery topped the field recently, to win the Ace of the Year Tournament of the China Lake Ladies' Golf Club. She qualified for the tournament by first winning the monthly Ace of the Month playoff in February 1983.

Mrs. Emery's score of 71 was four points ahead of her nearest competitors, Doris Lator and Sue Moulton, who both shot 18-hole rounds of 75.

Other players from the ranks of the Ace of the Month qualifiers were Sue Bates, Karen Collins, Marge Edwards, Sonja Guillan, Rubye Kokosenski, Dixie Lloyd, Bobbi Newton, Lil Robertson, and Mertie Smith.

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.



Eunice Emery

Thrifty Wash team's Premier League lead noses dives to 7 1/2 pts.

The first place cushion maintained in the Premier (scratch) League by the Thrifty Wash team took a nose dive to 7 1/2 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 1/2 points out of first place.

High team game for the night was the 99-6 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).

Table with 3 columns: Team, Won, Lost. Thrifty Wash 369.5, 225.5; Hideaway 362, 263; Elks Lodge 337, 288; Buggy Bath 319.5, 305.5; Modern Trophy 318, 307; The Place 297.5, 227.5; Joseph's Italian Gardens 294.5, 330.5; Raytheon Sidewinders 284, 341; Sport Shack 273.5, 351.5; Olympia Beer 269.5, 355.5.

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.

Promotional opportunities. (Continued from Page 2) and will include work with one or more of the following technologies: fuel air explosives, cluster weapons, etc.





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.

**LOYALTY CHASE ON MARCH 21**  
The Coyote 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 (OTHCC) will sponsor a "run for lunch" (bown bag 5-kilometer 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 4-lb., 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.

Burros varsity splits double-header with Barstow

Tuning up for the start of the 1984 Golden League baseball season, the Burroughs High School varsity nine split a double-header 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

Burroughs in the first game with Barstow last Saturday, got out of trouble by giving up only one run in the opening frame after the Aztecs loaded the bases with no outs.

A ground ball off the bat of Ostrander, who was thrown out at first, drove in Dino Ebel, the Aztecs' lead-off batter who drew 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.

The Burros started off strong in their first 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

runners on base and the Burros had a comfortable 4-1 lead in the first inning.

Barstow came back to make it a 4-3 game 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 the visitors until they pushed across a single 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.

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

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

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 turned into a forced out at second base.

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.

HAWKINS EARNS WIN

Hawkins, on the mound for the Burros, showed signs of tiring as he gave up a lead-off 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.

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 pounded out a total of nine hits — seven singles (three by Means) and a double and a home run by Blecha and Allen, respectively.

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 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

(Continued on Page 7)



**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 a 7-4 victory.

Spring season of Youth Soccer League gets underway tomorrow

The 1984 spring season of the Youth Soccer 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 athletic field.

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 fall's roster.

Thirty-one teams are taking the field this spring, with the first and second graders represented by ten teams; the third and fourth graders fielding ten teams; while the

fifth and sixth grade division is playing with eight teams and the seventh through ninth 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. Rowdies, 8 a.m.; Owls vs. Apollos, 9 a.m.; 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 a.m.; Blizzard vs. Drillers, 9 a.m.; Strikers vs. Sting, 10 a.m.; Earthquakes vs. Timbers, 11 a.m. and Sockers vs. Cosmos, 12 noon.

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 NWC gym office, phone ext. 2334 or 2571.



**STOLEN BASE** — Ray Haleman, second baseman for Burroughs, goes up high for a throw that missed the mark as a base runner for Barstow slides safely into the bag. — Photo by PHAN Rebecca Gill

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 intent that this column be used to subvert normal, established chain-of-command channels.

QUESTION

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.

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 . . .

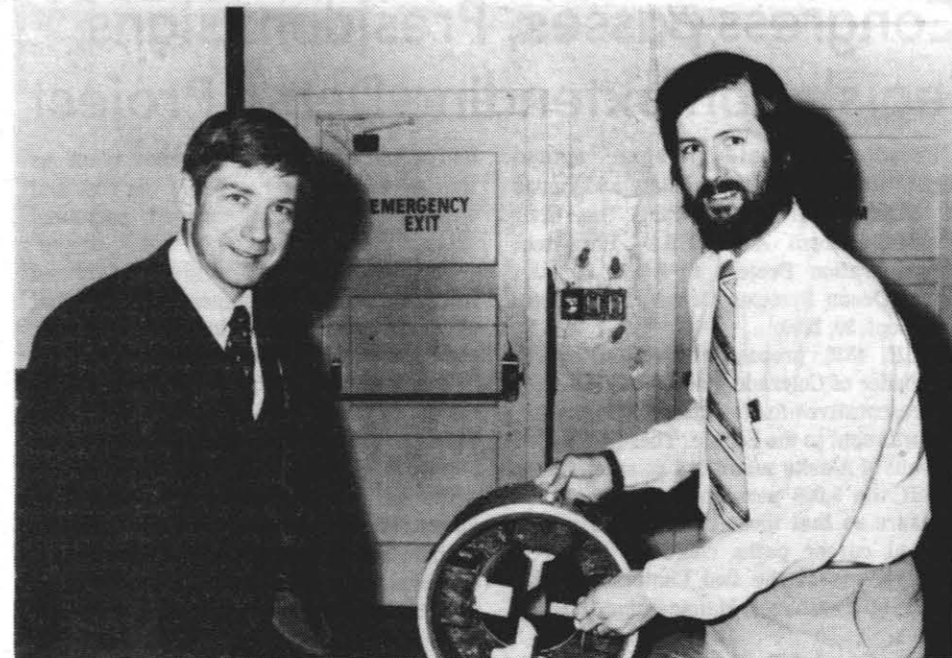
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Lasers. This included the use of CO2 laser beams with Forward-looking Infrared (FLIR) equipment, demonstrations of rescue and landing systems for FLIR-equipped helicopters, and demonstrations of off-set bombing using FLIR beacons.

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 (l.-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 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 anywhere that hasn't been 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.

Norway visit . . .

(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.



# Congress passes, President signs legislation extending Demo Project

President Ronald Reagan signed legislation passed by the Senate and House 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.

This draft legislation was reviewed with 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.

and would also approve agency plans as 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 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 plans, 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 China Lake. —Photo by Clare Grounds

## Allocation of funds to United Way member agencies announced

The board of directors of the Indian Wells Valley United Way recently approved an 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,

\$2000; Children's Hospital of Los Angeles, \$4,569.50, \$4,570; China Lake Mountain 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 Scouts of America, \$1,917.10, \$4,000.

Other agencies, the amount designated and the amount allocated, include: Homemakers of Indian Wells Valley, \$5,160.70, \$12,000; IWW Association for Retarded Citizens, \$7,273.95, \$7,406; IWW 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 Wells Valley, \$6,448.95, \$14,500.

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 throughout the year.

## China Lake Police reports . . .

Some juveniles who were headed into a restricted area east of the stables were picked up by the police on Sunday afternoon. They were found also to have an illegal weapon—a blow gun—in their possession.

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

said that they had purchased the weapon, known as a throwing star, from an advertisement in "Shotgun News." The weapon was confiscated, and the two juveniles were turned over to their parents.

### 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 8.

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

Cost of repairing the damage was estimated at \$150 in each incident.

### TRESPASSERS CITED

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.

# Work environment problems of women is subject of study

Questions from callers indicate a need for 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 addressed.

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 Blandly 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.

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. 2382, 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-defense.

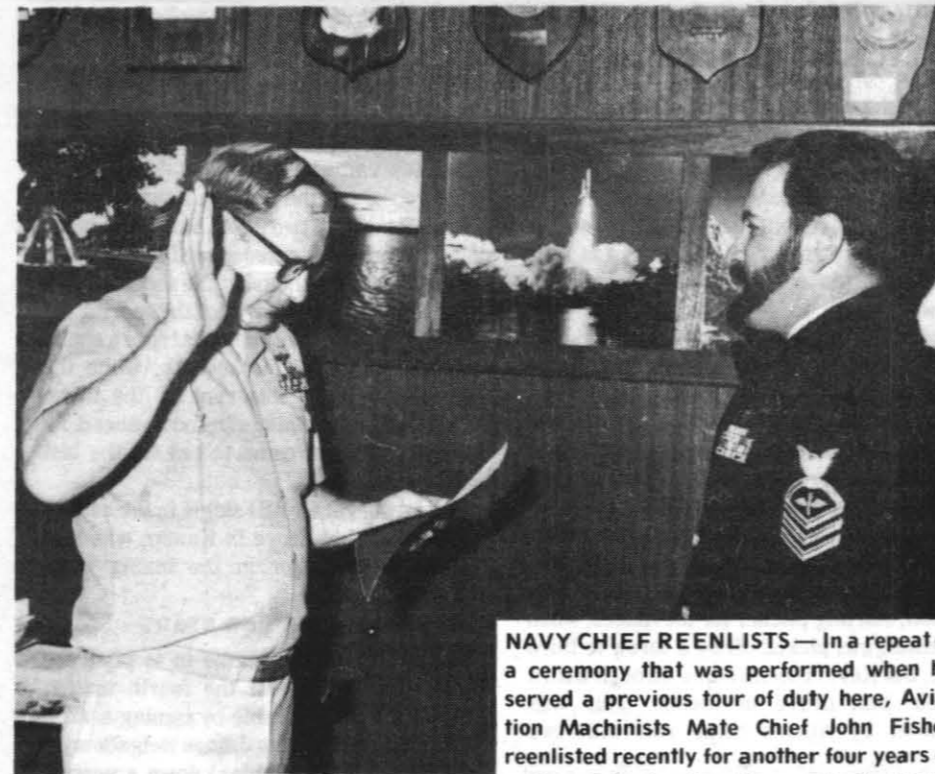
## Award-winning films to be shown Tuesday at open STC meeting

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.



**NAVY CHIEF REENLISTS**—In a repeat of a ceremony that was performed when he served a previous tour of duty here, Aviation Machinists Mate Chief John Fisher reenlisted recently for another four years of 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 2½ 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 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 recompact; new crash truck shelter roads will be installed; and the taxiways also will be topped by a 2-in. layer of asphaltic concrete.

## 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 Episcopal Church, 200 Drummond Dr., Ridgecrest.

Anyone interested in disaster services is welcome to attend, in addition to those who 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 Valley.

## 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 Okavango Delta," will be presented next Thursday, March 22, at 7:30 p.m. in the Sylvia Winslow Gallery of the Maturango Museum.

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 attend.

