

Renaissance Arts Festival to be held on Nov. 4 at Cerro Coso by Sunshine House

The third annual Renaissance Arts Festival, sponsored by Sunshine House, the local activity center for the handicapped, will be held on Saturday, Nov. 4, at Cerro Coso Community College.

This colorful event is being staged for the two-fold purpose of raising money needed to help carry on the program at Sunshine House and acquainting the general public with who is involved and what is being done at Sunshine House.

Featured will be a colorful melange of fine arts and crafts that will be offered for sale, as well as tempting homemade foods and continuous entertainment that is reminiscent of the renaissance era in Europe.

The student center at Cerro Coso College, with its high ceilings and abundant natural light, will house the marketplace for local artists and artisans who will be displaying for sale their handcrafted wares — including ceramics, paintings, weavings and

All hands Christmas party set Dec. 1 at Community Center

The Naval Weapons Center's all hands Christmas party will be held at the Community Center on Dec. 1 from 6 p.m. until 2 a.m. the next morning.

Both civilian employees and military personnel are encouraged to attend the event which will include dinner, dancing, entertainment and door prizes.

Tickets for the Christmas party will go on sale Monday in the mail room at Hangar III, the barber shop at Hangar II and the military personnel office on Blandly Avenue. They will also be sold at various times in the lobbies of Michelson and Lauritsen Laboratories.

Depending upon the choice of entrée on the menu, the tickets are priced at \$8.50 per person for the prime rib dinner and \$6 for the boneless breast of chicken entrée.

Two hundred and twenty-five persons attended last year's Christmas party, and LCDr. G. A. Pike, who is in charge of the event, said he hopes the number will increase this year.

a variety of other items. The adjoining terrace and green overlooking the Indian Wells Valley will provide additional space for the many other activities which will take place. Belly dancers will swirl, tumblers will roll and madrigal singers will perform for the entertainment of those attending the Renaissance Arts Festival.

In addition, there will be entertainment by the Sierra Winds Recorder Group, by vocalists Laurie King and Lynn Hartzell, and members of the talented Ralph Schwarzbach family will provide an added air of authenticity with the presentation of "Scenes from Shakespeare."

A new feature of this year's festival will be an auction during which Bob Pruel will auction off some non-medieval articles such as an American Indian basket, ceramics work, a Guatemalan wall hanging, antique lace, merchandise and gift certificates from local merchants, and other items donated by local residents.

This day of gaiety and general jubilation is planned to appeal to all members of the family. Children will find a fishing booth and special events, and races have been scheduled for their enjoyment. Everyone is invited to attend and enjoy this event in the spirit of participation and celebration.

The planners of this program are hopeful that, since it will be coming at the end of "Handicap Awareness Month," it will arouse a greater interest among local area residents in Sunshine House and similar organizations.

The proceeds from a percentage of art and craft sales will be donated by the artists, and all money cleared by the food and auction sales will be used to help Sunshine House to grow and meet the needs of the handicapped residents of Indian Wells Valley in new and improved ways.

Gem, mineral show slated on Nov. 4, 5

Plans are nearing completion for the Indian Wells Gem and Mineral Society's 22nd annual Gem and Mineral Show.

This year, the show will be held at the Community Center from 10 a.m. to 10 p.m. on Saturday, Nov. 4, and from 10 a.m. to 5 p.m. on Sunday, Nov. 5.

A large display of gems, minerals and fossils from the local area and collected elsewhere is planned, according to Dick Fuller, the show's publicity chairman.

In addition, members of the society will conduct guided tours to nearby gem and mineral areas during the weekend of the show. There will be no charge for the show or the tours.

President of the 150-member Indian Wells Gem and Mineral Society is Virginia Boyd, and this year's show chairman is Craig Rae.

Additional information on the show and its related events can be obtained from Rae by telephoning 446-5893.



CARTOON CHARACTERS — "Charlie Brown" played by Bob Schwarzbach (left) explains supper time to "Patty" (Denise Wehle) as "Snoopy" (Bob Huey) dreams about that important time of the day in a scene from Clark Gasner's "You're a Good Man, Charlie Brown." Presented by the China Lake Players in their hut at 405 McIntire St., China Lake, the musical based on Charles Schultz's "Peanuts" comic strip began a three-day run last night with curtain time scheduled for 8:15 tonight and tomorrow night. Three more performances are scheduled on Nov. 2, 3 and 4. —Photo by Bill Bennison

China Lake Players' production based on 'Charlie Brown' cartoon now being staged

The China Lake Players last night began a three-day run of their presentation of "You're a Good Man, Charlie Brown," a musical by Clark Gasner. Curtain time for tonight and tomorrow night's performances is 8:15. Three more performances are scheduled on Nov. 2, 3 and 4.

Based on the well-known comic strip "Peanuts" that was created by Charles M. Schultz, the musical is one that will appeal to the young at heart of all ages, according to Pat Schwarzbach, the director.

The cast, which includes a mixture of experienced local actors and high school thespians, is headed by Bob Schwarzbach in the role of Charlie Brown. A senior in high school, young Schwarzbach has performed in both high school and community stage plays.

He was last seen as Dr. Bradman in the Young China Lake Players production of "Blithe Spirit," and this past spring played the romantic lead in the Burroughs High production of "South Pacific."

Recreating the role of Lucy is Sandee Schwarzbach, who is moving from the role of the sexy dumb secretary in the Community Light Opera and Theater Association's production of "How To Succeed in Business Without Really Trying" to the part of everyone's favorite "super-crab."

Bob Huey, a newcomer to the local area, is seen as Snoopy, the singing and dancing beagle. Huey, who heads the Recreation Branch in the NWC Special Services Division, was the producer and director of the U.S. Army's music theater in Korea for five years.

During his student days at Colorado State College, Huey took part in such productions as "The King and I" and "Teahouse of the August Moon."

Denise Wehle, a senior at Burroughs who is active in local high school plays and also sings in the Burroughs High choir, is seen in the role of Patty, a member of the "Peanuts" gang, along with Brett Battles, another high schooler, who plays the part of Linus, the friendly philosopher with a blanket.

Rounding out the cast of "Charlie Brown" is Gunnar Anderson as Schroeder. The musical accompaniment for this production by the China Lake Players is provided by pianist Sue Fisher and Jerry Reed on the drums.

The assistant director responsibilities are being handled by Jan Austerman; Ralph Schwarzbach is the technical director; and Karen Lindblom is the lighting director.

Reservations for "Charlie Brown" are now being accepted and can be made by calling 375-9470. Tickets are priced at \$2.50 for adults and \$1.50 for enlisted military personnel, senior citizens or children who are accompanied by an adult.

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From: _____

To: _____

PLACE STAMP HERE



HALLOWEEN TREAT — Buddy and the Returnables (above) will play for Enlisted Mess members and their guests tomorrow night. The \$5.50 per person ticket includes a dinner of baron of beef, which will be served from 6 to 9 p.m., preceding the appearance of the band, and a floor show featuring Len Finney. Prizes will be awarded to those wearing the best costumes. Tickets may be purchased at the office or at the bar after normal working hours today and tomorrow. Reservations may be made by telephoning the club on 446-6969.

nwc rocketeer

Naval Weapons Center
China Lake
California

October 27, 1978

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FWP dinner highlighted by presentation of awards to supervisors, women workers

Nominees for the Federal Women's Program (FWP) Supervisor's Award and the NWC Federal Women's Award were honored — with special recognition going to the recipients — during a festive dinner that was held last week at the Community Center.

Seven of NWC's 500 supervisors were nominated for the Supervisor's Award, and from this highly select group, three were chosen. The recipients are Dr. James T. Bryant, head of the Applied Science Branch in the Ordnance Systems Department; Larry L. Lincicum, head of the Systems Definition Branch in the Weapons Department, and Barbara K. Manley, head of the Composition and Layout Branch in the Technical Information Department.

A total of 13 women employees of NWC were nominated for the Federal Women's Awards, and the committee in charge of making the final selections narrowed this down to four recipients.

They are Juanita de Ham, a personnel clerk in the Engineering Department; Peggy Ptacnick, head of staff in the Aircraft Department; and two employees of the Technical Information Department — Anna Lee LaRosa, a printing specialist, and Elizabeth Wilkie, a librarian at the Center Library.

On hand to accept the awards for the latter two recipients, who were unable to be present for the occasion, were Alice Pastorious and Michael Santone.

Mistress of Ceremonies for the FWP Awards banquet was Karen Altieri, Federal Women's Program Coordinator. She emphasized that nomination for one of the awards was in and of itself a notable accomplishment as she introduced and congratulated all of the nominees before turning the microphone over to Rear Admiral William L. Harris, NWC Commander, who presented the awards.

The Skipper expressed his pleasure at being able to participate in what he called "one of the popular activities in the EEO (Equal Employment Opportunity) arena."

He is coming more and more to an understanding of the fact, RAdm. Harris said, that the Federal Women's Program is not for women, but instead is about women and their roles as employees in the federal service.

Main Objectives of FWP
 The NWC Commander continued by mentioning the three main objectives of FWP. They are:

1. Creating the legal, regulatory and administrative framework for achieving equality of opportunity without regard to sex.
2. Bringing practice in closer accord with merit principles through the elimination of attitudes, customs, and habits which previously have denied women entry into certain occupations, as well as high-level career service positions.
3. Encouraging qualified women to



SUPERVISORS HONORED — From among seven who were nominated for the Federal Women's Program Supervisor's Award, attention was focused on the three winners during a dinner held at the Community Center. Flanked by Rear Admiral William L. Harris, NWC Commander, and Karen Altieri, Federal Women's Program Coordinator, the honorees are (l.-r.) Larry L. Lincicum, Dr. James T. Bryant and Barbara Manley. —Photos by Ron Allen

\$92,198 collected; Combined Federal Campaign extended

The Combined Federal Campaign will go into over-time again this year, Capt. W. B. Haff, USN, military co-chairman of the campaign, announced Monday. The drive will be extended until Nov. 9.

Although the four-week total of \$92,198 is ahead of the amount collected up to this point in the drive last year, it is still not enough to assure achieving the Center's goal of \$120,000 by the initial target date of Oct. 31, Capt. Haff explained.

At the end of four weeks last year, Centerites had contributed \$85,168. Last Wednesday, departmental representatives had turned in \$92,198. The drive began Oct. 2.

Also at this point in the campaign last year, an estimated 40 percent of all Centerites had contributed to the fund drive.

This year, 22 of 24 departments and tenant activities boosted the returns to 76 percent of the goal by Oct. 25.

The Laboratory Directorate (Code 03) is leading all other departments again this year in participation. Departmental representative MSgt. Sheldon Simonovich, USMC, has collected from all of Code 03's personnel. MSgt. Simonovich also was the first departmental representative to reach 100 percent participation among those in his department last year.

The other departments that had reached or surpassed the 50 percent participation mark by Oct. 25 are Code 00, 59 percent; Code 09, 66 percent; Code 12, 99 percent; Code 25, 74 percent; Code 33, 62 percent; Code 38, 66 percent; Code 39, 54 percent; Code 61, 50 percent; and Code 93, 100 percent.

The largest dollar amount so far has been contributed by 82 persons in the Research Department, who have donated \$8,210 or an average of \$100 per person. They account for 66 percent of the 124 persons assigned to the department.

The second highest dollar amount has

COMBINED FEDERAL CAMPAIGN
 Percentage of Participation
 as of Wednesday, Oct. 25, 1978
 Total amount: \$92,198

Code 00	03	08	09	12	21
Pct.	59	100	45	66	99
Code 23	24	25	26	31	32
Pct.	39	32	74	29	1
Code 33	35	36	38	39	61
Pct.	61	32	48	66	54
Code 62	93	94	96	97	VX-5
Pct.	1	100	42		40

Turn in timecards early next Friday

All personnel who are responsible for submission of employee time cards are reminded that because of the upcoming Veterans Day holiday on Friday, Nov. 10, all time cards for the regular work week ending on Nov. 4 must be delivered to the Payroll Office no later than 11:15 a.m. next Friday, Nov. 3.

This is necessary because the processing of time cards must be completed by next Friday for the early payday occurring on Thursday, Nov. 9. No time cards are to be held out, since failure to provide the Payroll Office with an accurate time card by the Nov. 3 deadline may result in a delay in pay for employees.

Any overtime worked on Friday night, Nov. 3, or Saturday, Nov. 4, should be submitted on a supplemental timecard for payment covering the subsequent pay period.



4 RECEIVE FED'L WOMEN'S AWARDS — RAdm. Harris congratulates Juanita de Ham, one of the four Centerites singled out to receive the Center's Federal Women's Award. Looking on are (l.-r.) Ms. Altieri, mistress of ceremonies for the evening; Michael Santone and Alice Pastorious, who accepted the awards on behalf of two of the honorees — Elizabeth Wilkie and Anna Lee LaRosa, respectively; and the fourth recipient, Peggy Ptacnick.

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—7:30 p.m.

FRIDAY Oct. 27
 "Buckstone County Prison" (96 min.)
 Framed by a malicious deputy, Earl Owensby is ambushed by the warden and guards of a prison as he returns from tracking down an escaped prisoner. He escapes to the mountains. (Drama, rated R)

SATURDAY Oct. 28
 "Candleshoe" (101 min.) A Walt Disney production for the whole family about a street urchin, Jodie Foster, who is bribed by conspirators into impersonating the lost granddaughter of an old woman. Helen Hayes, the mistress of Candleshoe mansion. Foster and the butler, David Niven, strive to save Hayes from bankruptcy and foil attempts of the conspirators to discover a fortune in pirates gold they believe is hidden in the mansion. (Suspense comedy, rated G)

MONDAY Oct. 30
 "Rooster" (110 min.) On his 18th birthday, Vincent Van Patten makes the arduous journey into manhood with a number of dramatic stops along the way. (Drama, rated PG)

WEDNESDAY Nov. 1
 "Leopard in the Snow" (89 min.) Susan Penhaligon runs away from home to avoid marrying and meets Keir Dullea, an embittered racecar driver. They fall in love and Penhaligon learns that Dullea is punishing himself with the belief that his affair with his sister-in-law resulted in his brother's death in a racing accident. (Drama, rated PG)

Program subject to change without notice. For further information call NWC ext. 3097 or ext. 2411.



Watch for little witches, goblins seeking Halloween treats Tuesday

By Billie Hise

Watch out for the little witches and goblins on Halloween next Tuesday evening, as they wander about trick or treating. Many may not be accompanied by an adult, although most concerned parents will take the time to go along with them.

The excitement of free goodies, costumes and friends may make some of the tykes forget to check for traffic. Young children are not the most cautious of pedestrians at any time, so remind them to watch for cars, to cross only at intersections, to obey traffic signs and to stop and look before entering a street.

When your children go trick or treating, make sure they can see and be seen. Light colored costumes show up better in car headlights. If the costume is dark, bits and pieces of reflective tape can be added to decorate the costume to give it a "ghostly glow" and help make it more easily visible at night. Costumes also should be short enough so the child will not trip.

Workshop slated on proper preparation of employee resumes

A workshop on the proper preparation of resumes and Civil Service Form SF-171 "Personal Qualifications Statements" will be held tomorrow morning in the 2nd floor conference room of the 1st Federal Savings and Loan Building in Ridgcrest.

Sponsored by the Indian Wells Valley Federally Employed Women, the three-hour workshop will begin at 9 a.m. Entitled "Is Your Resume / SF-171 Marketing Your Assets?" the class is intended to help those attending identify and expand their marketable skills.

Jack Murray, an NWC Personnel Management Advisor, will explain what should be in a resume to ensure recognition of experience with emphasis on merit promotions and the need for updating information in employee personnel jackets. Advance reservations are being accepted for the workshop, and may be made by telephoning Diana Johnson between 10 a.m. and 5 p.m. on 375-5547 and Margy Zinke after 5 p.m. on 375-4007.

The fee for the workshop is \$2.50 for members of the IYW Federally Employed Women and \$3.50 for non-members.

see if they obstruct vision. Theatrical or cosmetic makeup applied directly on the skin is the safest mask, for no vision is blocked. Painted objects, such as spears and pitchforks, are a hazard and should not be carried.

Don't set a candle-light pumpkin on a doorstep where it could be brushed by children's costumes and don't allow your child to carry one. A flashlight carried by the child can help him or her avoid tripping over hazards.

Children should eat only the candy that they receive from known friends and neighbors, unless they bring it home first to be inspected by Mom and Dad.

For those who are preparing treats for all those ghosts and goblins, wrap the goodies, light home entrances and check the area for obstacles.

Halloween is a fun time for kids, and the real trick is keeping it a safe as well as a fun time.

Administrative Assistant, GS-341-5 PD No. 783828, Code 3354



TIME CHANGE SLATED — YNSN Sharon Gamble, secretary in the office of Capt. L. E. Giuliani, VX-5 Commanding Officer, has circled Sunday's date on the calendar as a reminder that Daylight Saving time is scheduled to end and won't be resumed until next spring. While the changoever to Pacific Standard Time doesn't become official until 2 a.m. Sunday, for those who don't plan to remain awake until that hour, their best bet is to set all clocks back one hour just before retiring on Saturday night. — Photo by Ron Allen

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Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 652, Ext. 2047. 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. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor. (Code 054 or 077). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

3801 — This position is an administrative assistant in the Research Department. The function of the position is to provide administrative and management support and services essential to the operation of the department staff office and the Research Divisions. The major areas of concern will be financial management, personnel, space/facilities, collateral equipment, safety, security, supply and public works. The incumbent will act as the administrative assistant for the divisions as required, and will act for the head of staff in his absence. Incumbent will be the department coordinator for various functional areas, which includes Public Works, communication services for the department, and collateral, special and photographic equipment. Job Relevant Criteria: Ability to establish and maintain effective personal relationships in a work situation; ability to follow and interpret complex written directions, regulations, instructions and procedures; ability to make clear verbal and written presentations; ability to plan, organize and coordinate work in situations where many diverse demands are made and expediting several short range tasks; ability to show a general understanding of management principles, practices, methods and techniques. Promotion potential to GS-7.

3802 — This position is an administrative assistant in the Research Department. The function of the position is to provide administrative and management support and services essential to the operation of the department staff office and the Research Divisions. The major areas of concern will be financial management, personnel, space/facilities, collateral equipment, safety, security, supply and public works. The incumbent will act as the administrative assistant for the divisions as required, and will act for the head of staff in his absence. Incumbent will be the department coordinator for various functional areas, which includes Public Works, communication services for the department, and collateral, special and photographic equipment. Job Relevant Criteria: Ability to establish and maintain effective personal relationships in a work situation; ability to follow and interpret complex written directions, regulations, instructions and procedures; ability to make clear verbal and written presentations; ability to plan, organize and coordinate work in situations where many diverse demands are made and expediting several short range tasks; ability to show a general understanding of management principles, practices, methods and techniques. Promotion potential to GS-7.

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Burros lose . . .

(Continued from Page 4) another 5 yds. Next the Canyon High punter fumbled the fourth down snap from center, and tried a pass which fell incomplete.

This set the stage for the Burros only score of the game. It came four plays later on an 8-yd. pass from quarterback David Paradise to tight end Kevin Kummerman in the end zone. The try for the PAT was blocked, making the score 11-6.

Thanks to a booming kick into the visitors end zone by Scott Cary of Burroughs, the locals were able, temporarily, to keep the visitors bottled up in their own end of the field for several plays.

Burros Lose Scoring Chance Dame Fortune then smiled on the Burros when a pass, caught by Fred Cornwall, tight end for the Cowboys, was fumbled and the ball was recovered for Burroughs on the Canyon 20 yd. line. Next it was the Burros turn to fumble the ball back to their opponents on the Cowboys 13.

A 15-yd. penalty nullified a long gainer by the Cowboys, who punted out of danger to the BHS 38 yd. line. On the next play, however, a pass by quarterback Paradise was intercepted by Rex Wagner of the Cowboys.

Taking over on the BHS 42, the Cowboys used just three running plays to get a first down on the Burroughs 3 yd. line. Cash, the Cowboys' fullback, accounted for 29 yds. on two runs and, on the last play of the third quarter, plunged to the 1.

Once again, the Burroughs defense was up to the task and, after a third down pass fell incomplete, Sanchez kicked his second field goal — a 3-pointer that boosted the Cowboys lead to 14-6 with less than a minute of time played in the fourth quarter.

Midway through the final period of play, the Canyon High gridders capitalized on another break — a pass interception by Bob Frederick, who picked the ball off around the BHS 30 and returned it to the Burroughs 9.

In three plays (two of them incomplete passes) the Cowboys were able to gain just 3 yards, so Sanchez once again got the call and kicked another field goal which boosted the Cowboys lead to 17-6 over Burroughs.

As the Burros took to the air to try to put some additional points on the board, the Cowboys defense could concentrate on rushing the passer and did so effectively. Faced with a fourth down and long yardage, the Burros booted the ball out to midfield, and, with time running out in the game, the Cowboys were able to launch a successful 52-yd. scoring drive.

Relying exclusively on runs by quarterback Shane, the Canyon High team moved the ball from their own 48 to the BHS 20. Two more cracks at the line gained just 2 yds., but reserve quarterback Wagner picked up where Shane had left off by rambling 18 yds. for a touchdown with just 3 sec. left to play in the game. The PAT by Sanchez put the topper on a 24-6 victory for the Canyon High Cowboys.

Burroughs freshman sinks hole-in-one

A hole-in-one — something all golfers like to accomplish, but few succeed in doing — was registered recently at the China Lake golf course by John Hoyem, a Burroughs High School freshman.

The local youth, son of John A. Hoyem, head of the Aircraft Weapons Control Systems Branch in the NWC Weapons Department, was playing a round of golf with his father and another golfer, when he sank the hole-in-one.

It came on the par 3 No. 11 hole of the back nine, where the pin is 212 yds. from the driving green.

The hole-in-one has been registered by contacting Golf Digest, and young Hoyem's name will be entered in the golf hall of fame. According to his father, he also will receive some prizes from the manufacturers of the golf equipment he was using at the time.

employee in the spotlight

By Dan Tikalsky

John Hall



"Whites just didn't go there. I could never understand the south in those days."

Glenn Miller is "alive" and well in Ridgcrest; and so are Louie Armstrong, Fats Waller, Tommy Dorsey and most of the other jazz greats of the Big Band era. They "live" through their original phonograph recordings, more than 1,000 of them, which receive the tender loving care of John Hall, a Code 3631 supervisory electronics engineer.

Many are 12-in., 78-rpm, shellac records with Victor Blue Bird, Decca and other old labels. Some date back to the '30s; because Hall still has the first record he ever bought, and the 53-year-old NWC employee began collecting records when he was 12 years old.

He said that he doesn't remember the name of that first record, but one of the earliest of his classic jazz records is Fats Waller's "Your Feet's Too Big," recorded in 1939 by Blue Bird. "As I grew up, I got caught up in the Big Band era," Hall said. "Then, I became aware of what we used to call the 'colored bands' lumped led by such greats as Count Basie, Cab Calloway, Jimmy Lunceford and Lionel Hampton. What they were doing was much more exciting."

Hall said all the big bands played in ballrooms near his home in Columbia, Pa. These ballrooms could accommodate 3,000 or more people, and they were jammed with dancing couples. The Madrid Ballroom in Harrisburg featured many black bands.

White bands also played at the Madrid and at other Pennsylvania dance halls — the Hershey Ballroom in Hershey and the old Sunnysbrook in Norristown that could handle 2,500 couples. Hall went to hear them all and to dance the jitterbug, the boogie and the blues.

"I was a real swingin' cat," he said. A lot of these big bands had a band within their band. Benny Goodman had a quartet and a sextet. Many of these smaller bands had both black and white members. It was combo jazz; strictly improvisation, Hall said.

After WWII, jazz changed

After serving in the Navy during WWII, Hall returned to a changing world of jazz. The "bop-oriented" groups were beginning to dominate the jazz music scene, he said.

Of the black jazz artists, Louie Armstrong rates high on Hall's list. He knew the raspy-voiced, trumpet-playing musician personally. They met backstage in 1946 when Armstrong's band was playing at a small county fair.

"He was one of the nicest, most beautiful men I've ever met. If he knew you wanted to know about jazz, he'd talk to you."

In the fall of '46, Hall began studying at Georgia Tech in Atlanta. Armstrong had formed the Jazz All Stars and was playing in the city. Hall said that he found out where

"Satchmo" was going after the performance and followed him to what would be today a small ghetto bar. At first, Armstrong's manager tried to keep Hall away, but the musician remembered his encounter with Hall at the fair.

"Louie looked up and saw me and said in his gravelly voice, 'Hey, man; it's okay. This cat's alright!'" Hall said. After that, whenever Armstrong was performing somewhere nearby, Hall visited him, and they would talk about jazz.

Hall said that in Atlanta, he had to sit in a chicken wire enclosure in the balcony of the Municipal Auditorium while Armstrong's and other black bands played and black couples danced. The law didn't allow mixed dancing. "Whites just didn't go there," he said. "I could never understand the south in those days."

In 1951, Hall attended Carnegie Tech in Pittsburgh, Pa. After he received his MSEE, he went to work for the Sperry Gyroscope Co. in New York. This was the height of the "cool" era in jazz, with artists such as Dizzy Gillespie and Charlie "Bird" Parker; and Hall was back in an area of the U.S. where he could attend their performances without being confined to a chicken wire enclosure.

Jazz never left us

Then came rock and roll in the '50s and the apparent demise of jazz. But, according to Hall, jazz never left us, so the resurgence of the big band sound is not a case of its coming back.

"To those of us who know jazz and know where to look for it, we have always been able to find it," he said. Hall owns 80 of Glenn Miller's 125 original recordings. "I don't like these technical recreations of the big band favorites," he said. "They can follow the original musical scores note-for-note, but it doesn't sound the same."

Hall said that he lacked a full understanding of the various forms of jazz and of its evolution until he took a course two years ago in jazz appreciation at Cerro Coso Community College taught by Gordon Trousdale.

He and his wife, Doris, met because of their mutual interest in jazz. They enjoy Hall's records on a special stereo system modified by Hall to accommodate his 78-rpm discs. He believes that the kind of music a person likes is a matter of personal taste; however, he doesn't care for rock.

"It has its roots in jazz, but it's a bad, degenerate form of it, and it's too repetitious."

And, what do the Hall's two sons — Pete, 18 and Jim, 15 — think? They're rock fans!

Results announced of Youth Center Soccer League games . . .

(Continued from Page 6) singled out for his efforts on defense for the Lancers.

The second half was a repeat of the first as Garrett hit his second goal of the contest

standoff. Mike Garrett, who scored 2 goals unassisted for the Hurricanes, got his team out in front 1-0 early in the game.

The Rogues battled back, however, and succeeded in keeping the ball in their opponents end of the field most of the time. Shaw Carter managed a kick from the middle of a crowd that was too high for the Hurricane goalie to stop and the half ended in a 1-1 deadlock.

In the only other American Division tilt, the Hurricane and Rogues battled to a 2-2 to give the Hurricanes a 2-1 edge. This narrow lead held up until the final minute of play when Carter booted home another goal for the Rogues — thanks to assists from Tony Haaland, Eric Frisbee and Guy Stanton, who teamed up to move the ball close enough to the Hurricanes' goal to enable Carter to boot in a goal from off to one side of the goal posts.

The Earthquakes, who are making things rough on their Pacific Division (1st and 2nd grade) opponents, ran up a lopsided 7-1 win over the Express last Saturday. Chris Bachman set the pace for the Earthquakes by scoring 5 goals, while a teammate, Matt Ziegler, accounted for the other 2.

Plaudits for their outstanding offensive play for the Earthquakes also went to Jeremy Johnson, Matt Mechtenberg, Matt Kibbe and Tim Pogge, who kept the ball in



John Hoyem

good scoring position for their team and were instrumental in thwarting most of the offensive threats by the Express. David Mann tallied the lone goal for the Express.

Two other Pacific Division teams, the Rowdies and the Sockers, battled to a 0-0 draw. The game was principally a defensive battle.

The goalies on both teams played alertly to prevent any scoring, although on two occasions John Duncan, of the Sockers, came close to doing.

Games coming up tomorrow at Davidove Field, the opposing teams, and the starting times for their games, are as follows:

Kicks vs. Tornado, 8:30 a.m.; Sting vs. Rogues, 10 a.m.; Hurricane vs. Timbers, 11 a.m.; Strikers vs. Lancers, 12 noon; Express vs. Rowdies, 1 p.m., and Sockers vs. Earthquakes, 2 p.m.

Flag football . . .

(Continued from Page 6) Anchoring the defense will be linemen Mike Hosmer, Ed Timmons and Junior Diaz, and Steve Lampkin, a defensive back-field player.

At the present time, NWC North holds the lead in the Admiral's Cup standings with 13 points; VX-5 is in second place with 9, and NWC South is trailing with 5 points.

Five Marines win trophy awards in half-marathon race

A contingent of Marines from Camp Pendleton ran away with five trophies awarded to winners of the first annual High Desert Half-Marathon held last Saturday at China Lake.

Among the trophies garnered by the leathernecks was overall first place, won by Royal Bricker, who completed the 13 miles in 76 min., 27 secs. to also win in his 20-to-29 year old category. Second place overall was won by Joe Bugasser of Rancho Palos Verdes, who completed the course in competition against others in the 40-to-49 year old category. His time was 76 min., 49 secs.

The Marines also captured second and third place in the 20-to-29 year old category and first and third among those racing in the 15-to-19 year age bracket.

The race began at 9 a.m. at the NWC gym and looped through the housing area behind the Commissioned Officers' Mess, out the front gate and down China Lake Boulevard past the park, then through Wherry housing and down Knox Road to Burroughs High School, east to Richmond Road and back to the gym.

The race was sponsored by the Special Services Division, the Ridgecrest Recreation Department and the Over-the-Hill Track Club. Of the 77 runners who participated, 23 were from out-of-town, including six Marines from Camp Pendleton.

Winners in other categories and the times run are Pat Lynch, boys 14 and under, 95:33; Rickey Moore, youths 15-19, 87:18; Tom McMahon, men 30-39, 82:04; Marvin Powers, men 50 and over, 86:36; Sharon Banister, girls 15-19, 131:50; and Karen Newmyer, women 20-29, 109:44.

There was a "photo-finish" in the category for women 30 years of age and over when three runners finished in a dead-heat. All were clocked at 103:45. They were Suzanne Haney, Marla McBride and Jerry Mumford.

Gymnastics meet to be held tomorrow

Under the sponsorship of the City of Ridgecrest Recreation Department, the Hi-Desert Gymnastics Team will host its first-ever Class III Zone preliminary meet tomorrow at Joshua Hall.

Beginning at 10 a.m., the meet will feature 150 gymnasts from 12 teams. Teams will include girls from Redlands, Upland, Ontario, other teams in the Riverside-San Bernardino area, as well as Ridgecrest's own Class III team — the Tumbleweeds.

The public is invited to attend this meet, which will be the last one to qualify the best Class III gymnasts for district-level competition. Admission charges are \$1 for adults, 50 cents for students from 4 to 18 years of age, and free for children under 4. Refreshments will be sold during the meet by the Gymnastics Boosters' Club.

In the course of the meet, the girls will compete all-around in the four compulsory events — balance beam, uneven parallel bars, floor exercise, and vaulting horse. Judging will be by individuals who have taken rigorous tests to qualify as judges.

Signups now being taken for swimming lessons

Registration is now being taken at the NWC gymnasium office for swimming lessons that will be offered at the indoor pool on Tuesday mornings from Oct. 31 through Dec. 5.

There is a fee of \$6 per child for the classes, which are to be taught by Adrienne Swinford. A responsible adult must be prepared to go into the water with each youngster.

The swimming lessons will be divided into separate Tuesday morning sessions for tiny tots between 6 mo. and 2 years of age from 9 to 9:30; and for those between 2 and 4 years of age from 9:30 to 10.



CANYON SPOILS BHS HOME GAME — Quarterback Steve Shane (No. 12) piloted the visiting Canyon High Cowboys to a 24-6 win over the Burroughs High School varsity football team both early and late in last Friday night's game against the visitors from Canyon High School in Saugus, which ended in 24-6 victory for the Cowboys.

BHS varsity drops 3rd straight league tilt to Canyon Cowboys

Disaster struck the Burroughs High School varsity football team both early and late in last Friday night's game against the visitors from Canyon High School in Saugus, which ended in 24-6 victory for the Cowboys.

The Burros, who have now dropped three straight Golden League games (after posting a pair of non-league wins in their first two contests of the season) will be thirsting for a win when they travel to Quartz Hill for tonight's game on the Rebels' home field.

The unbeaten BHS soph, who defeated their counterparts from Canyon High, 13-8, last Friday, will tangle with their rivals at Quartz Hill in a game that will begin at 5 p.m. The varsity clash will follow at 8.

Three Field Goals Kicked
An unusual element of Burroughs vs. Canyon High varsity contest was the field goal kicking ability of Dan Sanchez of the Cowboys.

When the Burros' stalwart defense held deep in its own territory, Sanchez was called on and came through with three field goals. He also booted one PAT to end up with a total of 10 points for the evening.

Sanchez got his first chance to show off his educated toes when, on their first series of plays after receiving the opening kickoff, the Burros turned the ball over to the Cowboys as the result of a fourth down blocked punt.

The Canyon High gridders, who had a

Whitecaps split two close-scoring China Lake Youth Center Soccer League games

In a hard-fought contest for the runner-up spot in the National Division of the China Lake Youth Soccer League, the Whitecaps edged the Kicks, 1-0, during a game played last Saturday morning at Davidove Field.

The only score in this game was tallied on a hard shot by Hody Wells. It was followed by a discussion on whether or not the ball, which hit one of the goal posts, had penetrated into the scoring area.

Standouts on defense for the Whitecaps were Charlie Schiefer, fullback, who stymied several scoring attempts by the Kicks, and goalie Kirsten Haaland, who blocked everything that came his way to help preserve the narrow win.

On Monday night, another National Division game was played which resulted in a 4-3 win by the Tornados over the Whitecaps.

The Tornados quickly took command of the game by scoring three times in the first 4 min. of play, but the Whitecaps rallied with 3 goals of their own to tie the score, 3-3, at the half.

The game-deciding goal was tallied at the end of the third quarter of play by Greg Little of the Tornados. Little scored 3 of the



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Admiral's Cup flag football competition to begin on Monday

Admiral's Cup competition in flag football has been scheduled next Monday, Tuesday and Wednesday nights, starting at 7:30, at Schoeffel Field.

NWC North, currently leading in the Admiral's Cup point standings, will square off on Monday against VX-5, while on Tuesday night it will be VX-5 vs. NWC South.

The final matchup in the three game series will be played on Wednesday night between NWC North (airfield) and NWC South (mainside).

The VX-5 Vampires will field a squad that will include Kelvin McSwain, a halfback, and Rick Booth, at center. Both are returnees from last year's team.

Others slated to see action for VX-5 are quarterback Jim Trindle, halfback J. W. Spells, split end Pat McTurner, Gilbert Mendez and Dave Nichols, who play guard and tackle on defense, and Tony Bolden, safety man.

The NWC South team will be led by Sam Thompson, quarterback, and Pete Whipple, the defensive captain. The team's roster, not yet complete at press time for the *ROCKETEER*, also is expected to include Bob Bailey and Barry Bunyard, a pair of linemen who can play either offense or defense, and Chris Long and Hod Wells.

Andy Price, quarterback, is in charge of lining up a team to compete in 8-man flag football for NWC North. The squad on offense will include (in addition to Price) halfback Chuck Pike, ends Greg Bishop and Chuck Barrows, and interior linemen Doug Cade, Gary Fecteau and Leroy Norman.

Neither team was able to score in the second period.

As action resumed following the halftime intermission, things began to look a bit brighter for the Burros due to a penalty on the second half kickoff that moved the visitors back to their own 16 yd. line. Two tackles in succession by Bivens, defensive standout for Burros, cost the Cowboys

Top two teams in Premier League just one game apart

The top two teams are now just a game apart in the Premier League standings, following Monday night's action at Hall Memorial Lanes.

The Ace Realty squad, which laid a 2-1 defeat on the cellar-dwelling Raytheon Sidewinders, now has a 14 and 7 win-loss record, while the Elks Lodge Keglers are a game off the pace at 13-8.

High team series on Monday night was posted by the Saddleback Tackle bowlers, whose combined total was 2,872. Fisher Plastering rang up the high team game by flattening 1,030 pins.

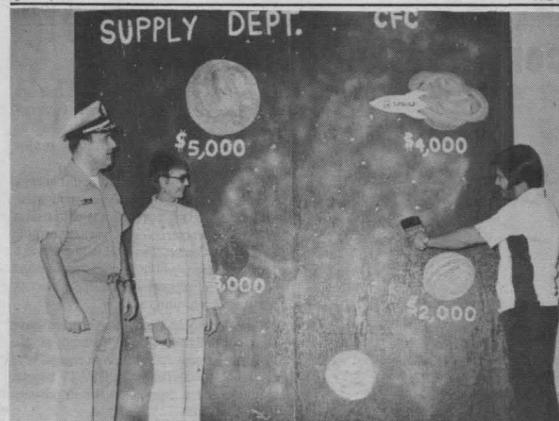
Allen Smith, the league's top individual bowler this week, registered a three-game total of 653. He had a triple 200 series with single games of 207, 213 and 233. Other bowlers over the 600 series mark were Jim Wright (640), Chuck Cutsinger (637), Fay Hoban (632), and Ernie Lanterman (612).

Premier League bowlers with single game scores in excess of 220 were Hoban (242 and 227), Lanterman (236), Wright (235 and 223), Ken Dalpiaz (231), Max Thorson (230), Cutsinger (228 and 223), Kim Duckett and Scott Robbins (224), and Hob Hooper (222).

Two inbound traffic lanes open at 6:30 a.m. Because of increased traffic at the main gate between 6:30 and 7 a.m. on weekdays, the use of two inbound traffic lanes now begins at 6:30 instead of 7 a.m.

Team	Won	Lost
Ace Realty	14	7
Elks Lodge	13	8
Fisher Plastering	11 1/2	9 1/2
Hideaway	11	10
Saddleback Tackle	10	11
Western Columbia	10	11
E.R.I. Huskies	10	11
Best Realty	9	12
The Place	8 1/2	12 1/2
Raytheon Sidewinders	8	13

(Continued on Page 7)



ON COURSE — The Supply Department's Combined Federal Campaign intergalactic space probe rounds a planet named "\$4,000" and heads for its destination, the planet "\$5,000." Department CFC co-chairman Dave Rivera puts the finishing touch on the display located near the entrance to the Supply Department Building, while Capt. J. D. Killoran, Director of Supply, and department CFC co-chairman Dianne Murray check on the rocket ship's progress.

Combined Fed'l Campaign extended . . .

(Continued from Page 1)

ahead of last year, they are now about the same as the \$92,000 which Centerites had contributed to the drive during the first four weeks of the previous fund drive. That campaign also went into overtime with a two-week extension, which pushed the drive total to \$106,000.

Last year, the 1978 drive was also extended for two additional weeks, but fell short of the \$120,000 target amount with contributions totalling \$104,272.

One of the best organized departmental campaigns is being conducted by the Supply Department, which is three-fourths of its way to 100 percent participation with 154

Court martial held; sailor pleads guilty to drug offenses

A sailor, attached to the Naval Weapons Center, entered a plea of guilty and was convicted of numerous drug offenses before a General Court Martial, which was convened by the Commander, Naval Weapons Center, and conducted in San Diego on Oct. 17.

Waiving his right to a jury trial, the sailor appeared before a single military judge and pleaded guilty to all charges.

He was found guilty on four counts involving possession, transfer and sale of cocaine, and possession of amphetamines, marijuana and LSD.

The NWC sailor was sentenced to be reduced to the lowest pay grade, to forfeit \$225 per month of his pay for eight months (for a total of \$1,800), to be confined at hard labor for eight months, and to be discharged from the Naval Service with a Bad Conduct Discharge.

A Bad Conduct Discharge awarded by a General Court-Martial results in the loss of all benefits administered by the Veterans' Administration and other federal agencies.

The major benefits lost include: Educational assistance, burial benefits, orphan's and widow's educational assistance, home and farm loans, and Civil Service employment preference.

Two inbound traffic lanes open at 6:30 a.m.

Because of increased traffic at the main gate between 6:30 and 7 a.m. on weekdays, the use of two inbound traffic lanes now begins at 6:30 instead of 7 a.m.

Also, beginning at 6:30 a.m., vehicles displaying a valid NWC bumper sticker are being admitted without the driver having to produce a valid pass.

Awards presented at FWP dinner . . .

(Continued from Page 1)

compete in examinations for federal employment and to participate in training programs leading to advancement.

"The goals of the Federal Women's Program are not radical," RAdm. Harris stated. "They are based on the assumption that a woman is a human being who has the right to choose what she would like to do with her life. The FWP is designed to provide opportunities for those women who have to work, or those women who want to work."

"Because there is a continuing need for talent, ability, ingenuity, and dedication, women with these qualities will find a greater and greater demand for their services in industry and in government, the NWC Commander said.

"We can establish as our goal leadership in this area of EEO," RAdm. Harris continued. "We have never been reluctant to accept technological challenges here at the Naval Weapons Center, so let us not shrink from this one," he exhorted his listeners.

Committee Efforts Successful
"It is quite obvious by the participation here tonight that the FWP Committee has been most successful in its efforts," RAdm. Harris summed up his views on the subject.

Following the presentation of the awards, each of which was accompanied by the reading of an excerpt from the nomination letters submitted to the committee on behalf of each of the candidates, the NWC Commander concluded this portion of the evening's program. "I heartily congratulate all seven winners of the awards and am confident that the Center can look to each of you for continued outstanding efforts and contributions."

He also commended the FWP Committee for its efforts in carrying out "an excellent and well organized program."

Entertainment During Evening
Entertainment for the evening included songs by the Sweet Adelines barbershop harmony chorus, directed by Eleanor Hartwig, and a talk by Orson Bean, a television talk show personality, former night club comedian, Broadway actor and producer of avant garde off-Broadway plays.

Bean skipped from topic to topic like a cat on a hot tin roof as he humorously offered bits of his own philosophy on life and cited examples from the animal world of the role of the female of the species as the real "workhorse" of the sexes.

"Life," Bean has concluded, "is an ongoing succession of 'now,' and you can only exist in the present."

Honored guests seated at the head table with Bean during the FWP awards banquet were RAdm. and Mrs. Harris; Priscilla Kinley, wife of Capt. F. H. M. Kinley, NWC Vice Commander; Robert Boot, head of the NWC Fuze and Sensors Department; Chaplain F. E. Whittaker and his wife, Freda; and Pat Sprankle, acting Deputy EEO Officer.

When he reached the point, he said, where he was working too hard for too much money and also came to a realization that 40 per cent of his income was going to a non-existent future, he canceled all of his life insurance and fire insurance policies, and decided it was time for a change of scenery from New York.

It took a bit of talking, but he finally convinced his wife that a trip to Australia was just what they needed.

For his own part, Bean also found fault with the idea of setting money aside for higher education of one's children, (something which he had been doing, but stopped). He suggested instead that parents



GUEST SPEAKER — Karen Altieri welcomes Orson Bean, guest speaker of the evening, to the third annual Federal Women's Program awards banquet.

should encourage their youngsters to work their way through college.

"I've closed out all bank accounts for my kids' college and offer them the memory of me sitting around in my underwear drinking a can of beer," he said in commenting on what he calls "the current transition period in my life."

The guest speaker opened and closed his talk by telling jokes — something he enjoys and is quite accomplished at doing.

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VX-5 selects PHAN Parrish as Sailor of Month

Photographer's Mate Airman Gregory J. Parrish has been named Air Test and Evaluation Squadron Five's Sailor of the Month for September.

PHAN Parrish is assigned to the squadron's photographic laboratory and was designated a photographer's mate striker in August after completing six months of on-the-job training and his qualifications for advancement to third class petty officer.

In a letter of commendation which accompanied the award, PHAN Parrish was cited for his "outstanding performance, selfless devotion to duty, exemplary military appearance and cheerful attitude in the face of demanding tasks."

The letter was signed by Capt. L. E. Giuliani, VX-5 Commanding Officer, and went on to state, in part "While assigned to the Photographic Branch of the Projects Department, you have demonstrated exceptional professional performance in all aspects of your assignment.

"Through a high degree of initiative, you have developed your knowledge of photographic techniques and processes, resulting in superior professional photography which is a credit to the Projects Department and the Squadron."

Capt. Giuliani also noted that PHAN Parrish's "energetic performance" had

contributed to the successful completion of VX-5's mission.

PHAN Parrish reported to VX-5 in February 1977 after completing recruit training at the Naval Training Center, Orlando, Fla. He was named honor recruit of his company and received the Training Center's "American Spirit Award," which is presented to recruits who put the most effort into their training and contribute in an outstanding manner to maintaining high

morale.

PHAN Parrish is a native of Portland, Ore., and is a 1971 graduate of Portland High School. In high school, he was a four-year, first-string football letterman and was student body president in his senior year. He was also president of the Key Club in Portland, a Kiwanis International-sponsored youth service organization.

PHAN Parrish was assigned to the VX-5 First Lieutenant's Office when he first reported to the squadron and later requested duty with the photo lab.

He is one of 30 sailors Navy-wide who has been accepted for this year's class at Photographer's Mate "A" School which began this week at the Naval Air Station, Pensacola, Fla.

After completing "A" school, he will return to duty with VX-5. He and his wife, Brenda, and their 8-month-old daughter, Cassey, live aboard the Center.

As a result of his selection as VX-5 Sailor of the Month, PHAN Parrish will enjoy one month without standing duty watches, receive a 72-hour special liberty and have the use of a reserved parking space near the entrance to the squadron's hangar.

He will also receive a plaque, and his photo will be displayed along with other squadron Sailors of the Month.



PHAN Gregory J. Parrish

Varied efforts aimed at energy conservation underway

"Energy Awareness Week," which concludes today, finds the Naval Weapons Center actively engaged in a variety of programs aimed at meeting the target of a 15 percent reduction in annual energy use established by the President in 1975.

Using a three-phased approach, the ultimate goal is to establish energy self-sufficiency at NWC through the use of alternate energy resources and conservation techniques.

Phase I has involved a thorough analysis effort to determine the Center's energy needs and also identify available alternate energy resources, viable energy storage systems, and any environmental, legal or mission impacts that might result from the proposed program.

Analysis Efforts Completed

At this point in time, analysis efforts to characterize the Center's energy consumption and demand profiles have been completed and a report published. In addition, efforts to characterize the Center's resources from the sun, wind and geothermal energy, as well by the conversion of solid waste, are continuing.

Preliminary identification of self-sufficiency options to satisfy NWC energy demands have been made and analysis will be conducted to determine which options appear most attractive for various energy need categories.

An Energy Conservation Office (Code 26307) has been established at NWC for the purpose of fostering and implementing energy conservation practices, equipment and techniques. This office conducts surveys of energy usage patterns at NWC and implements appropriate energy conservation measures.

Boiler Plants To Be Consolidated

Preliminary planning and design of energy conservation projects was accomplished by Code 26307 during 1976 and 1977. This cleared the way for a FY 77 project to consolidate the boiler plants at Armitage Field, and for such FY 79 projects as an "Energy Monitoring and Control System" and consolidation of the boiler plants in the headquarters area of the Center.

Additional energy conservation projects include the installation of a solar heating and cooling system for the Branch Medical and Dental Clinic at China Lake, which is scheduled to become operational during November.

It will provide 70 percent of the Medical-Dental Clinic's heating needs, most of the energy needed to operate the building's central air conditioning unit and all of its hot water requirements.

Already completed are solar systems for heating domestic water in the Public Works Department Plumbing Shop and in the Earth and Planetary Sciences Building.

The Coso Kinney Geothermal Resource

All hands effort needed to conserve energy

The goal of Navy Department Energy Awareness Week 1978 was to develop both individual and Command awareness of what has been done and can be done to conserve energy by fostering a strong sense of individual and group participation and unity of purpose.

Here at the Naval Weapons Center we've done pretty well by realizing a 10 percent reduction in Fiscal Year 78, but not as well as we should have in view of the target of a 15 percent reduction in energy consumption. I also must note that a large percentage of past energy savings at NWC has been due to the decreased occupancy of family housing.

In order to meet the 15 percent target set by the President, all Centerites must engage consistently in a conscientious effort to aid in the energy conservation battle.

It is my personal observation that unless we are in a situation like the fuel shortage in 1973 we lose interest in energy conservation, and none of us are doing all that could be done if we focused more attention on this matter. Even though NWC has been doing a credible job in this respect, there is always room for improvement since this is one of those subjects on which periodic reminders are necessary.

The energy conservation program needs re-emphasis on board the Center — something we are doing as part of the Navy-Marine Corps team in calling attention to the ABCs of Energy Conservation Week, namely "awareness brings conservation."

In the future, weekly conservation tips, or some news item related to energy conservation activities at NWC, will be published in THE ROCKETEER in an effort to keep this important subject continuously before those who work and live on the Naval Weapons Center.

Bob Hillyer
NWC Technical Director



SUN'S ENERGY HARNESSSED — Nearing completion is a solar heating and cooling system for the Branch Medical and Dental Clinic at the Naval Weapons Center. This 120-panel solar energy unit will provide 70 percent of the clinic's heating needs, most of the energy needed to operate the building's central air conditioning equipment, and all of its hot water requirements.

Area (KGRA) aboard the Naval Weapons Center is a very promising energy resource. Extensive geophysical/geological studies have been conducted by the U.S. Geological Survey (USGS), the Advanced Research Project Agency and the Navy to evaluate this resource.

From the study results, USGS experts estimate the area to have an electrical power production potential of 4,000 megawatts — more than enough to operate all the Department of Defense facilities in the western United States.

With this potential of energy available, the Navy is definitely interested in having the Coso KGRA developed, but with minimum impact on the NWC mission.

Test Well Drilled

Towards this end, a test well has been drilled to a depth of 4,824 ft., and flow test work of the well is being done by the Lawrence Berkeley Laboratory with funds provided by the Department of Energy.

As a part of this work, NWC is collecting and evaluating the results of the various study and drilling efforts in order to provide the Navy with knowledge on which to base any future decisions on the area.

Navy expectations are to have industry develop a Navy power plant at Coso using industry funds and Navy resources. The Navy would purchase, at a pre-negotiated rate, the electric power generated by the plant. The remaining area of the Coso KGRA would be leased to industry by the Bureau of Land Management for development, with the understanding that development be compatible with continuing the Navy mission in the Coso area.

DOE, under Army management, is

towers. This system was operated through early summer of 1977, and now environmental exposure studies are underway to determine system reliability, maintainability and efficiency.

The wind as a source of potential energy development also is being investigated. NWC is supporting a program to obtain data on wind characteristics at various remote sites on the Center. The goal is to provide a data base for possible application of wind machines in support of the NWC energy self-sufficiency program.

Three portable wind data centers have been established. One is located at the Pinon Point repeater station, a second is at Laurel Mountain (near the IWW TV booster station), and a third is in the Randsburg Wash test area.

Data obtained indicates that winds are favorable at these locations, possibly making them ideal remote sites for a combined wind and photovoltaic power system.

Trash to Gas Conversion

Conversion of solid waste to gasoline is another area being investigated by Center employees as a part of the energy conservation program. The goal is to develop and demonstrate the technology needed to produce petroleum-like products (principally high octane gasoline) from the organic fraction of trash.

Earlier this year, a bench-scale pyrolysis gas purification and polymerization system was completed, and the first polymer gasoline produced from municipal solid waste feedstock was made.

Using the locally developed trash-to-gasoline process, raw municipal solid waste would be separated into organic and inorganic process streams. Techniques for

Energy conservation efforts on the Naval Weapons Center are paying off, it was emphasized this week by Dr. Clifford Stine, head of the Energy Conservation Office.

During 1978, the Center's total energy load has been reduced by 10.02 per cent, compared to 1977, Dr. Stine said. This has resulted in saving the Center a total of \$543,000.

doing this are now in full-scale development elsewhere. The organic fraction remaining following the separation process would then be pyrolyzed to form gaseous hydrocarbons suitable for purification and polymerization to high octane gasoline.

By-product gases and char would be used to supply the energy utilized in this process, which has the potential for changing the disposal of trash from a costly, wasteful problem to an ecologically sound, economic solution.

The Environmental Protection Agency has funded the Dow Chemical Co. to conduct an independent, third-party evaluation of the conversion system.

Low Energy Structures

Other effort aimed at satisfying the need for reduced energy consumption is work at NWC that has gone into the development and demonstration of Low Energy Structures (LES). The combining of two design concepts is expected ultimately to yield the optimum LES.

The first design structure is built around a central windowed courtyard which supplies light and heat (winter daytime) for the offices. Thermal insulating louvers on the windows will control the light and heat transfer.

Closing these louvers to thermally seal the windows during winter nights can cut space heating needs by more than half.

The second design concept is to use the earth as a moderating medium. Since yearly variations in ground temperatures at depths of 8 to 10 ft. are small, submerged structures with a minimum of 1-ft. cover on top to filter out the day/night cycle effects could prove extremely energy efficient.

It is anticipated that combining both concepts would result in a 70-80 per cent reduction in space heating needs.

Upland game areas on Center open to hunters 2 weekends in November

The Naval Weapons Center's upland game areas will be open for limited public hunting this fall. Rear Admiral William L. Harris, NWC Commander, has approved two weekends of public hunting for Indian redlegged partridge (chukar), quail and rabbits, based upon brood count information furnished by the State Department of Fish and Game.

The general public and Centerites may hunt in designated areas between 6 a.m. and 5 p.m., on Nov. 4 and 5 and again on Nov. 10, 11 and 12.

Center personnel must pick up their vehicle and hunting permits in person at Rm. 209 of the Housing Office Building. The deadline for obtaining permits for the first weekend is 4:30 p.m., Nov. 3, while 4:30 p.m. on Nov. 9 is the deadline for the second weekend hunt.

A limited number of vehicles will be allowed on Center's ranges during the special hunts. Permits for 500 vehicles per weekend will be issued on a first-come-first-served basis. This quota includes both Center personnel as well as the general public.

The permit will allow the holder and others in his vehicle to enter the Center; however, each person must possess a valid California hunting license and a permit to hunt.

Men's Day program to be held Nov. 8

A Federal Men's Day program sponsored by the local Federal Women's Program Committee will feature a workshop on how the organization shapes employees, a panel discussion on the manager's role in implementing EEO and a featured speaker who will conduct a workshop on sex role stereotyping.

The program will be held on Nov. 8 from 9 a.m. until 3 p.m. at the Community Center. Luncheon at the Chief Petty Officers' Club will be either \$2.75 or \$2.25, depending upon the entree.

The first workshop will be conducted by Dr. M. M. Rogers, head of the Systems Development Department, while Bob Hillyer, NWC Technical Director, will head the list of panelists; and Phil Russell, Civil Engineering Lab public affairs officer, will give the luncheon speech and conduct the closing workshop.

Reservations which are due by Nov. 6 can be made by calling Eloise Burkland on NWC ext. 3379.

Happenings around NWC

A free Halloween Disco dance for all Indian Wells Valley junior and senior high school students will be held in the Community Center Tuesday night, Oct. 31.

Sponsored by the Special Services Division, the dance will feature the "Blue Jeans" rock music group, complete with disco lights and mirrored ball.

The dance begins at 7 p.m., and the Blue Jeans will play until 10 o'clock. Trophies will be awarded for the best costumes.

Thrift Shop Closed Tues.

The WACOM-operated Thrift Shop, which is located on Lauritsen Rd. across the street from Schoeffel Field, will be closed on Tuesday night because of Halloween.

The Thrift Shop's regular hours of operation are 7 to 9 p.m. on Tuesdays, and 9 to 11 a.m. on Thursdays.

Metal Trades Council

The next regular meeting of the Indian Wells Valley Metal Trades Council will be held on Thursday Nov. 2, starting at 7:30 p.m. at 65-B Halsey Ave., China Lake.

TID To Begin Move

The Technical Information Department (TID) begins its move next week. See the NWC Announcements Tuesday for further details.

R. P. Moore leaves for 1-year tour in Office of Chief of Naval Operations

A move to Washington, D.C. was made this week by Robert P. Moore, who applied and was accepted for a year-long assignment in the Office of the Chief of Naval Operations.

Moore, head of the Electronic Warfare Department's Microwave Radiometry Branch, will be working in OPNAV (OP-987) — the RDT&E Division of the Office of the Director of Research, Development, Test and Evaluation.

This division is responsible for producing the specific plans that guide the Navy research and development program. Its



Robert P. Moore

personnel provides technical advice and assistance to the Assistant Secretary of the Navy (Research, Engineering and Systems), and to other high level personnel in the Navy and Department of Defense with reference to the RDT&E Program.

Moore, whose major area of experience is in millimeter wave technology and microwave radiometry, will be responsible for the development of RDT&E plans in his area of technical expertise. Such plans cover mid- and long-range time periods,

from the present to 20 years in the future.

The work to be handled by Moore comes under a program of rotational assignments for the development of key personnel of the Department of Defense. To be eligible to participate, individuals must first have been identified as having a high potential under the provisions of the DoD civilian career program.

The aim of this program is to increase the competence of high-potential personnel by providing them with the opportunity to acquire additional knowledge and skills required by the occupational disciplines of their present line of work; needed knowledge and skills involving processes, techniques and systems in other related lines of work which cut across other operational lines, or to prepare them for managerial or executive responsibilities.

Moore, who joined Civil Service in 1960, is a former employee at the Corona Laboratory, where he headed the Microwave Systems Branch in the Electronic Systems Department. He made the big move to China Lake with the Fuze Department in October 1970.

Accompanying him to the Washington, D.C., area will be his wife, Lorna, and two of their four sons — Alan, who is 19 years old, and Timmy, who is 14.

Blue Cross insurance agent due here Nov. 9

Jean Sainsbury, Blue Cross / Blue Shield insurance representative, will be at the Community Center on Thursday Nov. 9, from 10 a.m. until 2:30 p.m.

Enrollees in this health insurance plan who wish to talk to Ms. Sainsbury will be seen on an appointment-only basis.

Beginning Monday, Oct. 30, a sign-up sheet will be available at the front desk of the Community Center for those who wish to see the Blue Cross / Blue Shield representative.

Individuals must sign up for themselves — not merely call the Community Center and ask that their names be placed on the appointment sheet.

Promotional Opportunities...

(Continued from Page 2)

operate equipment safely.

File applications for the above with Evelyn Hughes, Bldg. 34, Rm. 100, Ph. 204.

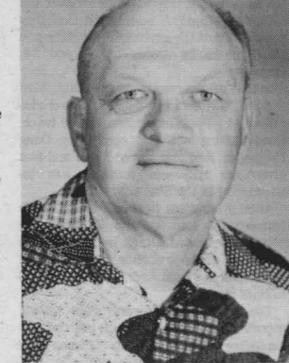
Electronic Engineer, GS-85-13, Code 3504 — This announcement is not a merit promotion advertisement. It is only run to make known the need for an individual, presently GS-13 grade level, for work within Code 3504. This position is a detail NTE 120 days which may lead to a permanent position. This position is in the HARM/Standard ARM Technical Management Office, Electronic Warfare Department. The incumbent is the HARM Seeker Section project engineer. The incumbent is responsible for the definition of the seeker section systems interface and performance requirements. The incumbent is responsible for performing independent testing of contractor hardware as well as approving all test plans and procedures for the seeker section. The incumbent is responsible for the design of modern complex weapons systems design is accomplished. The incumbent is a technical specialist in all aspects of program quality requirements, and provides direct supervision of the work in the branch. Job Relevant Criteria: Ability to supervise; knowledge of mechanical, electronic, and electro-mechanical systems skill in quality assurance, quality control, inspection or reliability engineering.

Engineering Technician, GS-80-11, PD No. 7831582N, Code 3484 — Applications will be accepted from both current Navy employees and status eligibles. This position is located in the System Safety Office, Product Assurance Division, Engineering Department. The incumbent interprets system and design requirements as described in government directives, and provides engineering and management assistance in performing related activities on NWC development programs. This includes reviews of specifications, documentation procedures, and explosives handling procedures; liaison with design and testing engineers; evaluation of program safety activities; etc. Job Relevant Criteria: Knowledge of quality assurance; knowledge of system safety and system engineering; ability to work with all levels of personnel; ability to evaluate designs and make recommendations.

File applications for the above with Janet Thomas, Bldg. 34, Rm. 204, Ph. 2925.

Supervisory Automotive Transportation Specialist, GS-2105-11, PD No. 783548E, Code 341 — The incumbent of this position is head of the Production Control Branch, Transportation Division, Public Works Department. The incumbent is responsible for the coordination of the Production Control Branch capability with the requirements of the user departments, the accuracy of managerial reports, analysis of managerial reports, the quality of vehicle inspections, the analysis of vehicle utilization, and the recommending of remedial action for the division. Job Relevant Criteria: Knowledge of transportation cost accounting techniques; ability to analyze management reports and make recommendations; knowledge of transportation equipment; knowledge of the mechanical process required in the maintenance and repair of railroad, construction, weight handling, materials handling, automotive vehicles, and specialized equipment.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 216, Ph. 2022.



Dan Tikalsky

File applications for the above with Dan Tikalsky, Bldg. 34, Rm. 100, Ph. 204.

File applications for the above with Marge Stanton, Bldg. 34, Rm. 216, Ph. 2022.