

'Civilisation' Film Series At Midway Point

The "Civilisation" series of films, presently being shown at the Community Center and sponsored by Special Services, has reached the midway point.

Three dates remain: Nov. 15-16, 29-30, and Dec. 6-7. The films, which are 52 minutes in length, yet to be shown cover man's artistic accomplishments from the 17th Century to the present.

On Nov. 15-16, two films "Grandeur and Obedience," and "The Light of Experience," will be presented at 2 and 7:30 p.m. Both films will be shown on each date. "Grandeur and Obedience" depicts the lushness and luxury of early Baroque. The works of Titian, Rubens and Bernini, and buildings and architecture of 17th Century Rome, the time of Sixtus V, highlight this film.

Seventeenth Century Dutch painters Rembrandt, Frans Hals, Vermeer and Saenredam dominate "The Light of Experience," due largely to the fact that the Dutch were the first to grasp the revolutionary change in thought that replaced divine authority with experience, experiment and observation.

The films to be presented on Nov. 29 and 30 will cover the 18th Century—Bach and Handel, the St. Matthew Passion and the Messiah, Mozart and Haydn. Great names in music and great themes in art. Included are settings of Rococo architecture and the decorations of Battista Tiepolo. "The Pursuit of Happiness," is the title of this film, which is devoted largely to music. "The Smile of Reason" is the title of the second film to be shown on Nov. 29-30. The art and sculpture of the 18th Century, from Holland, England and the great French courts is featured. Van Loo and Hogarth... the political paintings of David, the salons of De Troy... all are captured by the authoritative eye of Sir Kenneth Clark, the series' narrator and author.

Art Amos, manager of the Community Center, stated that seats are still available at the donation price of \$1 per showing. Again, he pointed out, "... viewers need not come all six nights, as the same films are shown each performance during the week."



ARTISTS OF THE MONTH—Mrs. Ann Quinn, left, and Margaret Mack, mother and daughter, respectively, have a joint exhibition of their work in the Community Center during the month of November. Mrs. Quinn is a resident of Palm Springs and Mrs. Mack has resided at China Lake since 1944. Both artists, according to the Desert Art League, sponsors of the event, have won many awards for their work. The paintings are hanging in the main social hall of the Community Center. Visitors may view the exhibit during the weekend hours of operation of the Center.

Plans Nearly Complete For WACOM's Christmas Bazaar

A concentrated effort by 20 local service organizations promises to make the 1971 Christmas Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers' Mess, even better than last year's event.

Working hard for their favorite charities, members of the participating clubs have been preparing for months to offer an outstanding variety of Christmas and boutique gift items, plus home baked delicacies to entice Christmas shoppers young and old.

The Community Center will be transformed into a colorful "Santa's Village" of red and white booths on Friday and Saturday, Nov. 19 and 20, when the bazaar is scheduled to take place.

Opening Ceremony
This special event will get underway at 10 a.m. on Nov. 19 with a ribbon-cutting ceremony at which Haskell G. Wilson, Technical Director of the Naval Weapons Center, and Capt. Allen E. May, NWC Executive Officer, will officiate. The bazaar will remain open until 9 p.m. each day.

Among the participating organizations whose members will

man booths is the Oasis Garden Club. At the garden clubbers' "Hoe Hoe Shoppe," potted plants and macrame hanging planters will be offered for sale. Proceeds will go into the Garden Club's Conservation and Civic Beautification Fund.

At another booth, the Indian Wells Valley Council for Retarded Children will have a variety of Christmas cards made by retarded children at Porterville Hospital for sale at "Ye Card Shoppe."

Candy To Be Sold
The Murray Band Music Mother's Club will cater to the "sweet tooth" shopper at "Ye Confectioners" booth, where home-made candies will be sold, and the Catholic Youth Organization will operate "Ye Youth Booth" at which hand-made candles, leathercraft and macrame items, made by local CYO members, will be on sale.

Once again the Military Wives of NWC have rounded up many "bargain" white elephants to stock their popular "White Reindeer" booth in an effort to raise funds that will be used to help the POW Wives' Organization on behalf of

American Prisoners of War in Viet Nam.

Three local chapters of Beta Sigma Phi, supporting various charities, will participate this year. They are Xi Lambda Chi in the "Nut Hutt," Chi Alpha at the "Pen and Quill," and Alpha Alpha Psi in "Santa's Boutique."

Refreshment Booth
Bazaar patrons will find a refreshing pause at "Mrs. Claus' Kitchen," operated by WACOM members. Sandwiches, hot dogs and desserts will be served at this booth, where WACOM cookbooks also will be on sale in the tea room area.

Continuous live entertainment will be featured and cake decorating demonstrations by "Mike" Breitengross are scheduled during each day during the Christmas Bazaar.

"Santa's Photoland," operated by the Desert Community Orchestra, will provide an opportunity for parents to have their children's pictures taken with old St. Nicholas. At other times during the bazaar, Santa will be around to listen to the children's wishes.

Other Participants
Other organizations participating in the bazaar, and charities they support, are:

American Association of University Women (Scholarship Fund); Burroughs Band Boosters (Band Fund); American Field Service (Foreign Student Scholarship Fund); Indian Wells Valley Nurses' Club (Nursing Scholarship Fund); Protestant Women of the Chapel—China Lake (Mission Fund); Rug and Needlecraft Club (Navy Relief Fund and the Chapel

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(GP) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI 12 NOVEMBER
"BLUE WATER, WHITE DEATH" (99 Min)
Deep Sea Adventure
(Documentary) Skin-diver Pete Gimbel is an underwater photographer and business man (Gimbel Bros.) who leads us on a search for the largest cold-blooded predator in the world off the Australian Reef. (Rated G)
Pluto's Purchase

SAT 13 NOVEMBER
—MATINEE—
"KING KONG ESCAPES" (96 Min)
"VICIOUS VIKINGS" (7 Min)
—EVENING—
"COTTON COMES TO HARLEM" (97 Min)
Godfrey Cambridge, Raymond St. Jacques
(Comedy) All negro talent has a Harlem setting for two detectives to search for a missing bale of cotton worth \$87,000 hidden therein. The hunt and their attempted conviction makes for fun, and sexy hijinks. (Rated R)
"Sky Blue Pink" (7 Min)

SUN & MON 14-15 NOVEMBER
"EVEL KNIEVEL" (95 Min)
George Hamilton, Sue Lyon
(Adventure) Exciting biography of America's king of the stunts has madcap Evel from wild Montana youth hell-raising to his latest thriller—jumping 19 cars with a cyclot! Unbelievable, TRUE STORY for action lovers! (Rated GP)
"Highway Runner" (7 Min)

TUES 16 NOVEMBER
Civic Concert presents
LONGSTRETH & ESCOSA
Duo-Harpists

WED 17 NOVEMBER
"THE ANDROMEDA STRAIN" (131 Min)
Arthur Hill, James Olson
(Science-Fiction) The best seller turns into an exciting, believable movie about a race against the clock to combat fatal disease transported to earth by space probe satellite. Fantastic underground space lab! (Rated G)
No Short Subjects

THURS & FRI 18 & 19 NOVEMBER
"KELLY'S HEROES" (144 Min)
Clint Eastwood, Donald Sutherland
(War-Comedy) THE FUN-FILM OF THE YEAR! Clint and Donald (M.A.S.H.) Sutherland, the latter as Oddball, a zany tank commander, go on a personal TAD after a vault of gold bars held by the Germans—and almost win the war! Their hilarious 30 mile advance into enemy territory is a put-on classic. (Rated GP)
No Short Subjects

Fund Drive...

(Continued from Page 1)

All of these figures are expected to increase significantly when the final tabulations are made. Indications are that the current Combined Federal Campaign will not be permanently closed for a couple of weeks yet.

One entire department has not yet reported any contributions. The keyman has been swamped with Naval Weapons Center business and has not yet had a chance to balance his books, it was learned this week.

Fund); Maturango Museum (Museum Fund) Roadrunner Auxiliary (Children's Home Society); Sea Cadets (Cadet Fund); Women's Auxiliary of the Commissioned Officers' Mess (Navy Relief and United Fund participants).

From _____
TO _____
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nwc rocketeer

Naval Weapons Center
China Lake
California

Vol. XXVI No. 45

Nov. 12, 1971

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Symposium on Warhead Research, Development To Begin Here Tuesday

The seventh Warhead Research and Development Symposium at the Naval Weapons Center, which is expected to draw an attendance of around 100 persons—nearly half of them from other government laboratories and Army, Navy and Air Force installations—will get under way at 8 a.m. next Tuesday in Conference Room A of Michelson Laboratory.

The visitors and others attending the symposium will be welcomed by Robert G. S. (Bud) Sewell, a physicist in the NWC Research Department, who is chairman of the Warhead Supporting Research Steering Committee. Introductory remarks will be given by E. M. Fisher, ordnance administrator for the Air Systems Command.

Purpose of the meeting, which will continue through next Thursday, is to brief top officials of the Naval Air Systems Command, headquartered in Washington, D.C., on the progress being made on warhead programs at NWC.

The symposium also serves as a means of exchanging information and helps to inform NWC personnel about the work currently being carried out here in the field of warhead research and development.

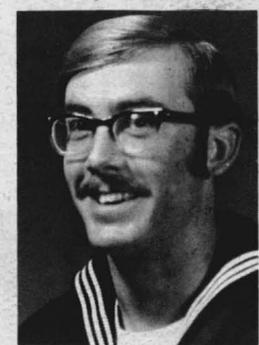
Because of the subject matter (classified "Secret") to be covered in papers that will be presented on Wednesday morning, Nov. 17, only NWC employees whose "need to know" has been certified in advance by their branch, division or department head, will be permitted to attend that particular session. Verification of clearance must be sent to Richard Rusciocelli, the Technical Presentations Coordinator (Code 002), prior to next Wednesday.

CYNSN Spigle Singled Out As November 'Bluejacket of Month'

Communications Yeoman Seaman Daniel F. Spigle, of NAF, has been selected "Bluejacket of the Month" for November.

Chosen for his outstanding performance on the job and his military bearing and adherence to military regulations, CYNSN Spigle joins a long list of enlisted men who have represented the Center in this program over the past few years.

According to RM1 John Allen, Spigle's superior, the NAF sailor, during a three month period from January through March of 1971, "handled the duties of the Communications Office at NAF with the utmost of professional skill normally expected of a petty officer. The job involves meeting many high-ranking civilian and military personnel, which requires a lot of patience and understanding of human nature," the Communications Office supervisor



CYNSN D. F. Spigle

elaborated. "Seaman Spigle possesses these qualities in abundance," he said.

As a result of his selection, Spigle will journey to Bakersfield Nov. 26-28 for a weekend of (Continued on Page 3)



MARINE BIRTHDAY CELEBRATED—A formal dinner-dance Wednesday night at the Community Center marked the local observance of the 196th anniversary of the Marine Corps. More than 230 persons attended the invitational affair at which Dr. W. B. LaBerge, Deputy Technical Director, was the guest of honor. The list of distinguished guests also included Rear Adm. W. J. Moran, Commander of the Naval Weapons Center, and H. G. Wilson, NWC Technical Director. The huge cake that was provided to celebrate the Marine Corps' 196th birthday was cut (lower photo) by Col. Erin D. Smith, USMC, the Marine Corps Liaison Officer at NWC. Standing by (at left) is Staff Sgt. Luther L. Emory, an ordnanceman, who was the youngest active duty Marine present at the celebration. A social hour at 6:30 p.m. was followed by dinner at 7:30 and dancing to the music of the COMNAVAIRPAC band from San Diego rounded out the evening.

CFC Fund Drive Total Hits \$66,000

With less than 51 per cent of the employees reported, the 1972 Combined Federal Campaign has reached a total in excess of \$66,000.

Results tabulated as of Thursday morning show the fund drive to be a "fine success," in the words of Chairman Stanley G. Reynolds. Several keymen report they still have a number of employees yet to contact, and, Reynolds said, "I am confident we will approach, if not exceed last year's total."

A monetary goal was never set this year, however. The emphasis has been on as large a total participation as possible.

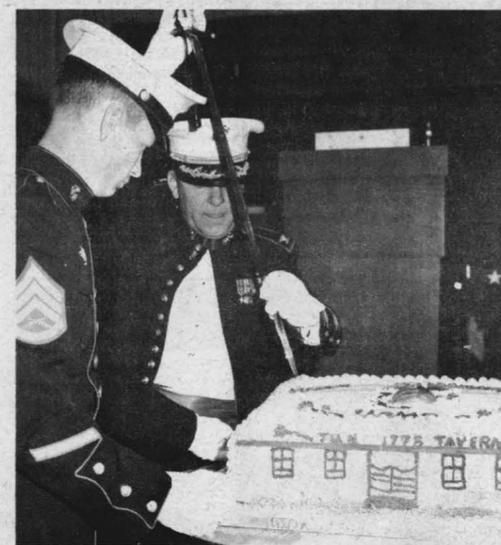
A check for \$650 from the Thrift Shop was added Tuesday afternoon. It was designated for the United Fund.

Payroll deductions have climbed to \$51,408, or 79 per cent of the employee total of \$66,132.60. The remaining \$14,724.60 was contributed as cash or checks.

Undesignated contributions total \$34,000. Of the balance, \$14,805 was designated for the United Fund (plus the Thrift Shop special check); the National Health Agencies were named for \$10,414; and \$2,335 was earmarked for the International Service Agencies.

A total of 1,364 employees chose the payroll deduction route for their contributions. Their gifts account for just over 56 per cent of the total donors.

(Continued on Page 8)



Open Season Starts Monday On Signups for Health Insurance

There will be a health insurance open season for Federal employees and annuitants Nov. 15 through Dec. 31, 1971, and each Nov. 15-30 thereafter.

The Civil Service Commission has advised that, due to the economic stabilization program, Open Season Instructions pamphlets and new brochures will be about four weeks late.

Previous to this time, the Civil Service Commission had a policy that called for holding an open season at least every three years. The last open season was held in

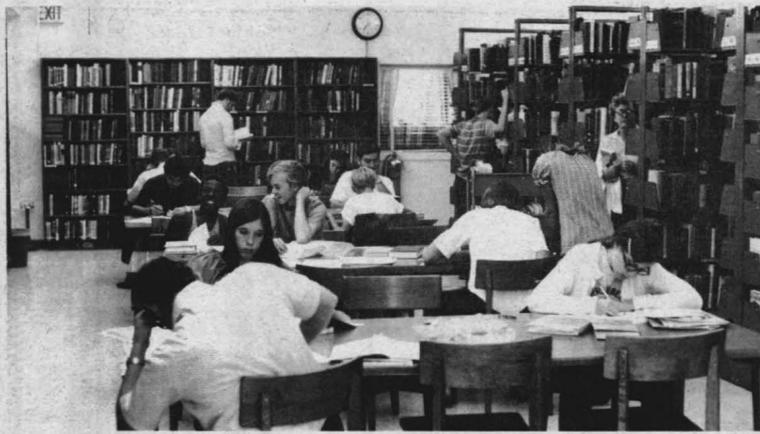
November 1969. The Commission feels that this once-a-year open season policy will be more responsive to the employee's wishes and, at the same time, prevent impairment to the health benefits program.

During the November-December open season, employees who are not enrolled in a health benefits plan will be able to enroll. Both employees and annuitants who are enrolled will be able to change from self-only to a self-and-family type enrollment.

(Continued on Page 4)



IT'S A SALE—Garr Manson, 3-year-old son of Lt. and Mrs. W. B. Manson, of China Lake, couldn't resist the gingerbread man that is typical of the many baked goodies and desserts which patrons at the forthcoming Christmas Bazaar will find at "Mrs. Claus' Kitchen," operated by members of WACOM.



STUDENTS PUT LIBRARY TO MANY USES—Teenagers frequently use the Center Library for a place to research, study, or quietly read up on school subjects. The library is a handy place to do homework which requires factual information found in the many research and technical books located on the library shelves. All employees of the Center, and their dependents, regardless of place of residence, are eligible to use the NWC Library. —Photo by PHI D. C. Manderscheid

Library Ready for National Book Week

"Read in '71," the slogan for National Children's Book Week, Nov. 14-20, points out to librarians and parents the need to teach children the benefits that can be gained from reading, stated Maryon Ward, head librarian of the Center Library.

The library, which is located in Bennington Plaza, contains a wide variety of reading material, available to children of all age groups.

A story hour for children ages 5 to 9 is presented by Mrs. Marj Cruise one Saturday each month, from 1 to 2 p.m. The date of the program is posted each month on the front door of the library. A special Thanksgiving Story Hour will be held Nov. 20 from 1-2 p.m.

Pre-schoolers are usually attracted by brightly colored pictures of simple, familiar objects and experiences. The local library

stocks Mother Goose and other picture books with little text, good rhythm and effective word repetition, found to appeal to this age group.

Children up to the age of 7 like to read together with adults. Picture books, available at the NWC Library, with strong story lines and character development are appropriate. If a child reads by himself, the story should employ words that are familiar from everyday use.

By the time a child is 9 years old his personality and interests should be the important factors in the selections of the books he reads.

With a collection of 32,380 books, the Center Library is able to offer something of interest to every age. During the last fiscal year, 77,400 items were checked out of the library. Approximately 1,500 new

books are added each year. Readers are reminded that all employees of the Naval Weapons Center are welcome and encouraged to use the facilities. Employees who live off-station are also eligible to use the Center Library.

In addition to a well balanced collection of books, the Center Library offers 100 magazines and 18 newspapers. Back issues of magazines may be checked out for one week. Several new magazines have been added recently, including "Organic Gardening," "Coins; the Magazine of Coin Collecting," "Ceramics Monthly," "Weight Watchers," "Harvest Years," and "Getting the Most for Your Money." Political pundits will enjoy "California Journal," a new addition which includes (in the September issue) an article on the Nader task force report on "Land and Power in California."

Also available at the library is a Xerox machine for the public. Pages may be reproduced at a cost of 10 cents each. Mrs. Ward also reminded local residents that an exhibit of paintings by the students of the China Lake Nursery School will be on display from Nov. 14 to 20.

The Center Library is a part of Special Services Division, headed by O. A. Imer, director of Special Services.

Fuze Department Hosts Working Group Meeting

The Fuze Department of the Naval Weapons Center recently hosted the 31st meeting of the Fuze Program Working Group in the department headquarters, 71 Parsons Rd. J. R. Wills, head, Code 5043, was local host.

The Working Group is composed of representatives from nine governmental laboratories including Harry Diamond, Laboratory, the Army Electronics Command, Picatinny Arsenal, the Air Force Weapons Laboratory and the Naval Ordnance Laboratory. Sam Megeath, from White Sands, is the current chairman.

The group has been meeting for several years to exchange fuzing ideas and information. Each year, the location of the meeting place is rotated among the members.

Two days of discussions were required to present all the talks scheduled on the agenda.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2049. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill those rated as positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Supervisory General Engineer GS-401-13 PD No. 453079, Code 3523—Incumbent is Head, Guidance Evaluation Branch, Electromechanical Division, Engineering Department. Major duties and responsibilities include branch planning and administration and technical supervision. Incumbent is responsible for providing the Electromechanical Division with an analytical and testing capability in guidance systems with the principal emphasis on terminal homing guidance systems. His branch is instrumental in formulating Engineering Department opinion on proposed new guidance system designs. The work of the incumbent includes responsibilities in both electronic and mechanical engineering areas. He has important work planning, assigning, overseeing, and evaluating responsibilities as well as significant responsibilities for personnel management functions. Minimum Qualifications: Equivalent of B.S. degree and 3 years of professional engineering experience 1 year of which is equivalent to GS-12 level as outlined in CSC Handbook X-118. Job Relevant Criteria: Graduate in field of mathematics-physics with several years experience in electronic design, project management, and some engineering supervision. Experience in the production and testing aspects of terminal (closed loop) homing guidance systems. Experience in coordinating efforts of large magnitude between DOD activities and industry is highly desirable. PRIOR APPLICANTS NEED NOT REAPPLY.

File applications with Joan Macintosh, Code 457, ph 2271.
Supervisory Librarian (Physical Science and Engineering), GS-1410-9, PD No. 7175027, Code 7531—Position is located in the Reference and Circulation Branch of Technical Information Department. Supervision of library technicians and clerks. Responsible for the circulation functions including circulation control of books, periodicals, and technical reports and the control of secret and COMTAC material. Minimum Qualification Requirements: Completion of master's degree or full academic years of graduate study in library science, in an accredited college or university. Six months of the required experience must have been at the level of difficulty comparable to the next lower grade, or 1 year comparable to the second lower grade in the Federal service, as stated in X-118. Job Relevant Criteria: Work experience in a Technical Library is highly desirable. Supervisory experience or demonstrated potential is required.

File applications with Mary Morrison, (Code 457), Bldg. 24, Rm 210, Phone 2022.
Instrument Mechanic (Mechanical) (Helper), WG-33005-5, JD No. 354, Code 4534—This position is located in the Instrumentation Branch, Quality Assurance Division, Propulsion Development Department (Building SW 157, Salt Wells Area). Incumbent will assist journeyman instrument mechanics in the repair, overhaul, modification, adjustment, testing, and calibration of various types of mechanical instruments used in measuring physical quantities, pressures, and temperatures. Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standards in accordance with the CSC Handbook X-118C. This position is covered by a training program. Advancement Potential: Instrument Mechanic (Mechanical).

File applications and Supplemental Experience forms for above with Linda Grossman, Bldg. 34, Room 204, Phone 2925.
Electronics Technician, GS-456, 9-11, PD No. 4935059, Code 4002—This position is located in the Optics Technology Branch, Optical Sciences Division, Weapons Development Department. The position is in support of various opto-electronic projects in the branch. The scope of the work includes design, fabrication and evaluation of special detection systems; organization and execution of radiometric tests; and the evaluation of various infrared, visual and ultraviolet detection techniques and equipment developed by the Branch. Job Relevant Criteria: Prefer some design capabilities. Minimum Qualification Requirements: Two years general and four years specialized experience in accordance with CSC Handbook X-118. Advancement Potential: GS-11

Clerk-Typist, GS-323-3 or 4, PD No. 840096, Code 4071—This position is located in Branch A of the Weapons Systems Analysis Division. Performs branch clerical duties such as typing reports and correspondence, filing, answering telephones, receiving visitors, etc. Minimum Qualification Requirements: GS-3, 1 year of appropriate experience. GS-4, 2 years of appropriate experience. Job Relevant Criteria: Experience in typing technical correspondence and reports is desired. Advancement Potential: GS-3 may advance to GS-4.
File applications for above with June Chipp, Bldg. 34, Rm. 206, Phone 2676.

File applications with Mary Morrison, (Code 457), Bldg. 24, Rm 210, Phone 2022.
Instrument Mechanic (Mechanical) (Helper), WG-33005-5, JD No. 354, Code 4534—This position is located in the Instrumentation Branch, Quality Assurance Division, Propulsion Development Department (Building SW 157, Salt Wells Area). Incumbent will assist journeyman instrument mechanics in the repair, overhaul, modification, adjustment, testing, and calibration of various types of mechanical instruments used in measuring physical quantities, pressures, and temperatures. Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standards in accordance with the CSC Handbook X-118C. This position is covered by a training program. Advancement Potential: Instrument Mechanic (Mechanical).



COMMENDATION MEDAL WON—Congratulations from Rear Adm. W. J. Moran (at right), Commander of the Naval Weapons Center, were extended to Cmdr. H. O. Brickson, Staff Judge Advocate, who was the recipient of a Navy Commendation Medal. Cmdr. Brickson was cited for his duty as Assistant Staff Judge Advocate on the Staff of the Commander, U.S. Naval Base, Subic Bay, Republic of the Philippines, from Aug. 4 1969 to May 13, 1971. Cmdr. Brickson was commended for being instrumental "in the successful achievement by his command of its commitments under the Criminal Jurisdiction Provisions of the U.S.-Republic of Philippines Military Bases Agreement during a period when varying interpretations of those provisions steadily increased and eventually resulted in agreement between the two governments to renegotiate." —Photo by PHAN D. W. Yeatts

Shots Offered As Protection Against the Flu

The annual program of immunization against influenza and the administration of tuberculin skin tests will get under way today at the Naval Weapons Center Dispensary.

All military personnel and civilian employees of NWC are eligible to participate, as are military dependents and retired military men.

The shot that is administered to protect against influenza will provide a high degree of protection for a period of 12 months, officials at the NWC Dispensary state.

The tuberculin skin test requires an injection, followed in 72 hours by a reading by medical personnel of the amount of reaction shown by each individual to the test. The tuberculin skin test replaces the annual chest X-ray method of screening personnel for active tuberculosis infections.

The schedule for immunizations to protect against influenza and TB skin test injections is as follows: Friday, Nov. 12—NWC military personnel, 8 a.m. to 1 p.m. at the Dispensary.

Monday and Tuesday, Nov. 15 and 16—Civilian employees, 1-3 p.m. at the Dispensary, Salt Wells Pilot Plant and Michelson Lab aid stations.

Tuesday, Nov. 23—Retired military personnel and dependents, 7:30 to 11 a.m. at the Dispensary.

Tuesday, Nov. 23—Dependent school children, 1-4 p.m., at the Dispensary.

The readings of TB skin tests will be done at the following times and places:

Monday, Nov. 15—NWC military personnel, 8 a.m. to 1 p.m. at the Dispensary.

Thursday and Friday, Nov. 18 and 19—NWC civilian employees, 1-3 p.m. at the Dispensary, Salt Wells Pilot Plant and Michelson Lab aid stations.

Friday, Nov. 26—Retired military personnel and dependents, 7:30 to 11 a.m. at the Dispensary. Friday, Nov. 26—Dependent school children, 1-4 p.m. at the Dispensary.

MORE MONEY PROVIDED
Minority group business organizations got \$1.5 million more in Veterans Administration contracts during fiscal year 1971 than during 1970.

A Look Into The Past From The Rocketeer Files

25 Years Ago . . .
The Marines, celebrating their 171st birthday, showed off their new uniform (in print). The new garb was to have pockets on the blouse and hip pockets in all the trousers . . . A sample Hawthorne was rapidly being constructed so that contractors might iron out any construction problems before the mass-building of 289 other units went into high gear. . . A new corral for the stable (one of the most active recreation pastimes in 1946) was added.

15 Years Ago . . .
"Boost the Booster" (remember that), a drive to improve TV reception and pay off the debt on the power line, went into full force . . . The new aeroballistics lab led to the praising of NOTS by Dr. L. T. E. Thompson and Rear Adm. P. D. Strop, here for the dedication . . . USMC celebrated 181st birthday with ball at COM.

5 Years Ago . . .
Jim Heflin, Dr. Ivar Highberg, Jack Crawford and Dr. W. R. Haseltine were awarded L.T.E. Thompson Awards at annual climax to the Advisory Board meeting. . . Lou Sidney presented PRIDE certificate. . . The ROCKETEER announced that the Blue Angels would give a flight demonstration at NAF the following week.



TWO REENLIST AT NAF — ADJ2 R. L. Spencer and ABH2 A. L. Palumbo are seen during reenlistment ceremonies at NAF recently. Cdr. L. W. Gire, NAF Executive Officer, officiates. Spencer arrived at NAF in March 1970 and reenlisted for four years. Palumbo has been aboard for one year and also reenlisted for four, which brings his total service to 11 plus years.

Motorcycle Safety Class Set at Traffic Safety Bldg.

A motorcycle safety class will be held Saturday, starting at 9 a.m., at the Traffic Safety Building on No. Hussey Rd. and Nimitz Ave. These classes are given as a community service and anyone interested in motorcycles is welcome to come. Each class is three hours long.

The instruction will cover defensive riding on roads and in the desert, maintenance of motorcycles, protective clothing, anticipation and how to recognize trouble. Actual riding experience on a skill course also is a part of the class.

The China Lake Community Council sponsors the course and members of two of the local motorcycle clubs, the Sandblasters and the Gypsy Wheels, provide the instructors.

Local motorcycle dealers—Ridgecrest Cycle, Inc., B & B Cycle Center and Desert Sport Cycle—make motorcycles available for class use during the course.

WOMEN'S SCRATCH
Wanda Billings practiced all weekend long, and it paid off. She shot a 217-569 last Monday eve. Jeanne Crom topped the league however, hitting 206 and 214 enroute to a 582 series.

Question of the Week — Can you guess what well known, high average bowler was dropped from his team this year because, as one of his ex-teammates put it, "he lost more games than he won for the team." They won the league.

Employee In the Spotlight

When the facilities at Corona were shut down, Robert Payton Moore was offered employment at various other laboratories in the United States.

He chose to come to China Lake, because, as he puts it: "There already existed an atmosphere of good relationship with us and management at China Lake. I felt that working here would be more beneficial to what I hope to accomplish."

Moore is head of the Microwave Systems Branch, Electro-Optical Division, Electronic Systems Department, a position he held also in Corona.

Moore is a man on the go. He travels around the country "at least one week out of every month," spreading the word on Microwave Radiometric (MI-CRAD) system technology and applications. The University of Michigan graduate (BS and MS in physics) constantly seeks opportunities to exploit the results of what has been developed in his specialty.

"We've done a lot of development work on microwave radiometry," he explained, "which has been the major effort of this particular branch for the past six years or so."

Leroy Riggs, head of the Electronic Systems Department, is happy to have Moore working at China Lake. "Bob Moore is really a high velocity guy!" he said recently. "He has built an extremely competent microwave group whose work is well recognized throughout the country."

"Bob's technical competence, enthusiasm, and continued interest in Navy requirements are the major factors in the recent advancement of MICRAD technology," Riggs added.

Moore radiometry has come a long way, Moore recalled. "In the early days (1960) it was used in astronomy. We've come from that to an actual system capable of both military and civilian application."

Microwave radiometry is being looked into for forest fire detection, agricultural surveillance, water solution problems (looking at oil slicks, pollution) and other civilian applications, Moore stated. "I can remember when we flew the first functional K-A Band Radiometer. That's like a radar without a transmitter," he explained. "It allows you to operate passively in all-weather, 24-hour conditions."

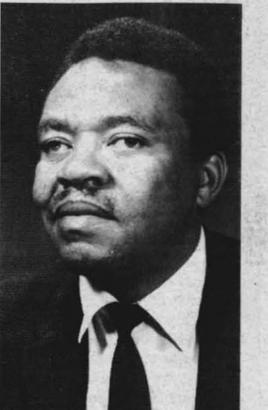
Moore has written many, many papers and reports on his field of endeavor. In addition, he holds four patents, ranging from multiple beam sensors to a pending patent on Clutter-Doppler, a ship-detection radar.

The awards and commendations he has received in the past 11 years mark him as a man committed to his work. He has received six Superior Achievement Awards, one Outstanding, and a Sustained Superior Performance Award, in addition to Letters of Commendation.

"I know how to relax, though," he says, "maybe that's why I can get into my work." Bob enjoys fishing and camping with his family. He and his wife, Lorna, whom he met while in junior college, have four boys: Duane, 20, Bobby, 17, Alan, 12 and Timmy, 7. Moore also enjoys tennis, travel and fiction writing.

"I have published a few things in the Confession market," he said. "It doesn't sound too complicated, but it's a tough field to crack, mainly because their requirements change each month. What they're buying this month they are rejecting the next," he smiled.

Moore also has published stories in Adam and Bachelor, a couple of magazines in the men's market.



Robert P. Moore

still, always gaining, always closing in on his objective of developing radiometry for the fleet.

"It's really been a struggle, at times," he said. "It's the same with anything new, you know. You have trouble convincing people that the new system is better than the old. But we've stuck with it and now we're beginning to get the recognition we've sought."

Microwave radiometry has come a long way, Moore recalled. "In the early days (1960) it was used in astronomy. We've come from that to an actual system capable of both military and civilian application."

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The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California
RADM. W. J. Moran, USN
NWC Commander



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Sunday School All Ages 0830
Sunday Evening Bible Study 1900
Wednesday Bible Study 1130
Wednesday Teenage Bible Study 0645
Sunday School Classes are held in the Chapel Annexes 1, 2 & 4 (Dorms 5, 6, 8) located opposite the Center Restaurant.
Communion - first Sunday of the month

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1115

BLESSED SACRAMENT CHAPEL
MASS
Daily except Saturday 1130
First Friday ONLY 1130 1700
First Saturday ONLY 0830

CONFESSIONS
Saturday 1545 to 1645
Sunday 0800 to 0825

CCD CLASSES
Sunday Kindergarten through 6th grades 1000
Wednesday 7th and 8th grades 1900
As announced 9th through 12th grades

JEWISH SERVICES
EAST WING - ALL FAITH CHAPEL
Friday 1st and 3rd ONLY
Sabbath Services 2000
Saturday Sabbath School 1000 to 1200

UNITARIANS
CHAPEL ANNEX #5
Services 1930

H.G. Wilson
Technical Director
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Technical Information Department
PHAN D. W. YEATTS
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DEADLINES:
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
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Burros Look for 2 More Wins To Wind Up Season

It's one down and two more games to go for the Burros varsity football team in order to finish the 1971 Golden League season with a flourish—a 3-game win streak—after last week's 21-6 victory over Quartz Hill.

Tonight's test will be at Palmdale against the Falcons, who are the league's cellar-dwellers with an 0-5 record. Kick-off time for the varsity clash will be 8 p.m.

Despite Palmdale's record, Bruce Bernhardt, head coach of the Burros varsity, and his staff are not taking the Falcons lightly, in view of the fact that they held the league-leading Antelope Valley High eleven to just two touchdowns while losing to them 13-0 last week.

"I'd just as soon play the tough ones, as we don't know what to expect against a weaker foe, and our kids may not be up for the game," Bernhardt commented in reference to the fact that both Palmdale and Victor Valley (against whom the Burros will close out the '71 season) are tailenders in the Golden League.

"We'll be working hard to win our next two games," Bernhardt assured, as he noted that the Falcons are not to be taken lightly, since they have several big, strong and quick players up front in the line.

Coach Bernhardt admitted that he was pleased with the Burros' win last week over Quartz Hill, and mentioned that he felt it was the best game of the season for the defensive platoon.

The offense, however, wasn't "as sharp" as he would have liked it to

be, and it was hoped that a few more wrinkles might be worked out in practice this week to improve on that aspect of the game.

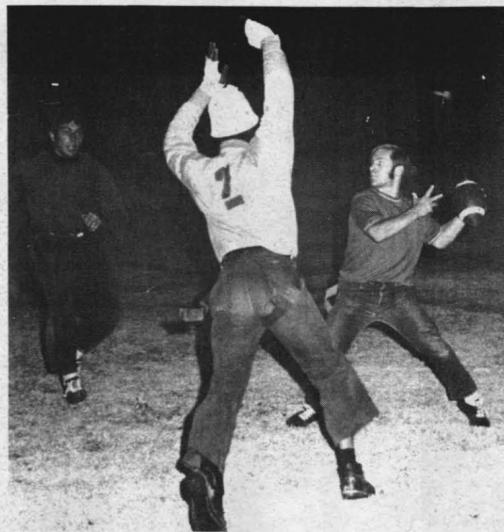
In place of Wayne Read, a stellar guard who was sidelined by an illness prior to the Quartz Hill tilt and will be lost for the remainder of the season, the coaching staff called on Bill Gifford to go on offense and Dick McCrumb to fill in on defense, and both responded well, Bernhardt said.

In their game last Friday night with Quartz Hill, the Burros got off to a 14-0 first quarter lead and then matched the Rebels' lone touchdown in the third period to post a 21-6 win.

Mike Lillywhite, quarterback for Burroughs, got his team on the scoreboard on a 1-yd. plunge early in the first quarter and, after Steve Robinson booted the first of three successful PATs, the Burros struck again—this time on a pass interception by Eddie Payne, who picked off an aerial thrown by the QH quarterback and rambled 30 yds. down the sideline to paydirt.

Neither team was able to score in the second quarter, but the Rebels came out strong at the start of the third period and put together a 70-yd. touchdown drive that cut the Burros' lead to 14-6.

Responding to the challenge, Quarterback Lillywhite drove the Burros back down field for 69 yards and the game's final tally which came on a pass from Lillywhite to Jim Amparano. The scoring play covered 20 yards and Robinson's PAT made it 21-6 with Burroughs on top.



TURNBAUGH TURNS ON—The Wolves' Warren Turnbaugh aims a bomb downfield as Ron Gray leads the defensive charge for the Food Service team. Food Service blanked the Wolves 13-0 in Flag Football League action.

—Jack Learned Photo

Wolves Defeated by Hot Food Service Team, 13-0

The scrappy Food Service eleven combined two fourth-quarter touchdowns to skunk the Wolves 13-0 in China Lake Flag Football League action Tuesday night.

Off to a slow start, Food Service has continued to improve and has given the league-leading VX-5 Vampires their closest game so far; a 12-12 tie. In a recent meeting with the second place NAF Hawks, FS lost by a single point, 13-12.

For the Wolves, the season's story to this point would be that of the "second-hand rose." Viewing the winner's circle from the back seat throughout the season, the Wolves have yet to combine a concentrated team effort with the individual potential they have.

Game's First Score
Early in the fourth quarter FS gained control of the ball at its own 34 after a Wolves' punt. On second-and-six from the 34, Greg Fleming took to the airways and lofted a screen pass to Matthew Taylor at the 35, and Taylor headed down the sideline to the Wolves' 13. Two plays later Fred Washington carried the ball over for the touchdown from the 9. The PAT was tallied on a pass from Fleming to James Taylor.

On the first play from the 20, after the FS touchdown, the Wolves' Gary Pottiger threw a short delay pass to Warren Turn-

baugh at the 22. From there, the Wolves' speedster went all the way for the apparent TD. A personal foul penalty for illegal blocking nullified the score, however, and the Wolves had to start all over. Again, the Wolves offense was stymied by the blitzing FS defense and Food Service regained possession of the ball at the Wolves 35.

Penalties Hurt Wolves
A fourth-and-eight pass interference penalty moved the FS club into scoring position at the Wolves 13. Johnny Warner carried to the 10 and a holding penalty against the Wolves cost them half the distance to the goal, putting FS on the Wolves doormat at the 5. Warner took the ball over the goal on the next play and FS held a 13-0 lead with 4:24 left in the game.

The Wolves were stung by the FS defense once again as the Wolves first pass from scrimmage at the 20 was intercepted by FS' Frenchy Freitas, who brought the ball to the Wolves 11.

Determination was the word for the Wolves defensive line as they moved the FS offense back to the 14 and regained the ball on downs, but this effort was to no avail as the game ended in a 13-0 victory for FS.

With several personnel changes in the works, the Wolves may yet find themselves and could easily play the spoiler's role as the second half of league play progresses.

Golf Club To Pick Officers At Annual Meeting

Next Wednesday, Nov. 17, at 7 p.m., the China Lake Men's Golf Club will hold its yearly meeting for the purpose of electing officers for the coming year. All members of the club are invited to participate in the balloting.

According to Gary Wydra, tournament chairman, the last tournament of the 1971 season will be a turkey shoot on Saturday, Nov. 20. Turkeys will be awarded at the rate of one for every three entries.

Wydra stated that entries will close at 5 p.m. on Nov. 17. A sign-up sheet is located at the pro shop. The entry fee is \$2 per golfer.



Kegler's Korner

By Jack Lindsey

A turkey shoot will be held at Hall Memorial Lanes tomorrow and Sunday for hungry bowlers in the local area. Dean Ray says that it will be a Scotch doubles format with an entry fee of \$3.25 per couple.

The shoot will be comprised of four games with one turkey (14 lb. hens) to be given away for every six entries. Sign-up sheets are now located at the lanes.

Deano also had some information regarding the 1971 State Men's Bowling Tournament. Seems local bowlers latched onto nearly \$1,300 in prize money from the state-sponsored event. Good shooting men. I got \$17 of it, not bad for a has-been.

NEW BALL FOR MIKE
Mike Lindsey shot a 493 series and a 190 game last Saturday in the Bantam League, and brought his average back up to 146, high in the league. He celebrated by getting a new ball. I took two aspirins.

THE FOOTBALL LEAGUE
During the Monday night football game on television, Hall Memorial Lanes is also the scene of a bowling league, the Premier, which takes second preference with quite a few bowlers, possibly accounting for some of the low scores.

Bobby Kochman, however, and Dick Bauers concentrated on knocking down pins and got quite a few of them. Bad Bob, captain of the now-driving Ace-TV quintet, hit a 267 single and Dick Bauers, who is the leader of the NAF squad had a 221, 246 and a 658 series. Kochman had a 612 total. Ray Freascher ran a 234 game into a 607 series.

Three other bowlers found 234 a nice number: Ken Dalpiaz, Dick Forrand and Warren Turnbaugh.

Chuck Cutsinger had a 618 series, but Pollock Construction lost two. Ridgecrest Lanes took over the first place spot, but they're not shouting. Six teams are within 3-1/2 games of them.

There was a good battle on between Dan Branson and Jack Herbstreit, but Herbstreit won. His 468 nosed out Branson's 462. Jack Brown competed with them, shooting a 134 and a 143.

George Barker couldn't be denied, either. George followed up a 205 with a 141 single. John Ito was also a picture of consistency. He started off the night with a 246 and ended with 167, 153.

THE FRIDAY MIXED
The IAM "wrecking crew" blasted out 2,319 pins scratch last Friday. Dan Branson had a 205 and a 209 and Jack Herbstreit shot 225 and 606. (Somewhere between last Friday and last Monday they lost it.) Dan's mate, Mag, was low on the team with a 537. Darlene Herbstreit had 200 and 211 in a 582 series.

(Continued on Page 7)

Duo-Harpists To Open Season Theatre Scene Of 1st Concert

Longstreth & Escosa, duo-harpists, will appear at the NWC Theater on Tuesday, Nov. 16. This will be the first appearance locally of the new and rare combination of two outstanding artists.

Their 8 p.m. concert will open the 1971-72 Civic Concert Association Season, which will see Marcel Marceau, Leonard Pennario, the Juilliard String Quartet and the Ford Comic Opera Theater visit China Lake in the next four months.

An outstanding program of music written not only for the harp, but for other instruments, such as the violin and piano, and selections from Rodgers and Hammerstein, will fill the air of the Center Theater.

Selections to be included are the "Passacaglia," by Handel, J. S. Bach's Large (Violin Sonata No. 5), and Handel's Concerto in B-Flat, Opus 4, No. 6. In addition, three Debussy numbers, "La Fille aux cheveux de lin," "Clair de lune" and "En Bateau," and "Three Dances for Two Harps," by Escosa will comprise the second group of numbers to be performed.

Following the intermission, Longstreth & Escosa will perform two numbers written by them: The Harp in the 19th Century, by Longstreth, and The Harp in the 20th Century, written by Escosa.

The fourth group of numbers will include music from Rodgers & Hammerstein's "Sound of Music," and a medley of Irish songs. Ernesto Lecuona's composition, "Malaguena," also will be performed, and the evening's selections will close with "Frere Jacques."

Joe Longstreth and John Escosa were introduced to the harp at Wainwright Music Camp in Indiana, but they did not meet and collaborate until both were proven individual successes. Upon chance introduction, they decided to collaborate in the recording of an album of traditional and original Christmas carols which was highly successful, and the subsequent demand for personal appearances created new stars in the concert field.

Both men are native Hoosiers,



LONGSTRETH & ESCOSA

both have wide and varied backgrounds in all fields of musical experience in the United States and Europe, and both have studied at some of the finest schools of musical training—Escosa at the Juilliard School, in New York, and Longstreth at the Conservatorio di Santa Cecilia in Rome.

The pair have delighted audiences with the variety of their musical presentations, the power and strength of their transcriptions and performances, and with the renewed stature they are bringing to the harp.

Since their initial concert appearances as duo-harpists in 1964, Longstreth and Escosa have been in demand for repeat performances. Reviewers and audiences alike have responded with great enthusiasm to their virility and depth, and also to the surprising excitement in their programming.

In addition to the usual repertoire for performance with orchestra, Longstreth & Escosa played to a standing ovation the

"Chorel et Varie" by Widor, never before performed on two harps. Dr. James W. Barnes, conductor of the Terre Haute (Ind.) Symphony, wrote: "Not only did they play beautifully, but they also established right away a very fine rapport with their audience. The future of the harp and harp music is in good hands..."

Since the 1969-70 concert season, Longstreth & Escosa have given over 200 performances on tours which have taken them to all but three states and to every province of Canada.

The Columbus (Ohio) Dispatch said, "Those who have heard the pair know there is nothing new to say. That they are the best has been established long since."

According to Carroll Evans, of the China Lake Civic Concert Association, single seats will be available on the night of the concert. They will be priced at \$5 for adults and \$1.50 for students through high school. In addition, Evans announced that season tickets will also be available at the box office.



WELCOME EXTENDED—Dr. N. E. Ward (at right), Associate Technical Director of the Naval Weapons Center, greeted Al Reid upon his arrival here for a two-day meeting of the Interlaboratory Committee on Personnel Administration. Looking on is Mill Ritchie, an NWC employee, who serves as chairman of the committee which includes representatives from 10 government laboratories in California. Reid is the Personnel Service Officer in the Headquarters Liaison Branch of the Office of Civilian Manpower Management in Washington, D. C. Reid was here to discuss problems of hiring limitations and GS level reductions.

November Bluejacket . . .

(Continued from Page 1)
relaxation and enjoyment in that city as a guest of the Greater Bakersfield Chamber of Commerce. While in Bakersfield he will be hosted by the Imperial "400" Inn and will receive his meals at Tiny's. In addition, he will be presented with a hospitality packet containing gift and discount certificates from participating Bakersfield merchants.

Nancy Jacobs Joins Staff Of DC Clinic

Nancy Louise Jacobs recently joined the staff of the Desert Counseling Clinic where she will specialize in working with children.

The newest member of the Clinic came to China Lake from a two-



Nancy L. Jacobs

year tour with the Reiss-Davis Child Study Center in Los Angeles. "That is one of the few training centers in the country which trains social workers and psychologists in the treatment of emotionally disturbed children," she said.

Miss Jacobs received her degree in psychology from the University of Colorado, at Boulder, and then was awarded a Masters of Social Work from the University of Southern California. The Eugene, Ore., native worked for two years at the Long Beach Mental Hygiene Clinic, operated by the State of California, and spent another two years at the West San Gabriel Valley family counseling service.

She has many interests. Chief among them are hiking and kayaking and "being outdoors." On the opposite side of the coin, she enjoys painting and reading.

Prior to leaving the Indian Wells Valley, the November Bluejacket will be loaned a new Ford from Desert Motors to use on the weekend outing.

Joined Navy in 1969

Spiegle has been in the Navy since Aug. 20, 1969, but has only served 14 months on active duty. Prior to coming to China Lake in September, 1970, he attended six weeks of Communications School at Norfolk, Va., where he learned to operate teletype equipment, filing and communications procedures, including the processing of traffic.

Spiegle joined the Ready Reserve prior to reporting for active duty. Following a two-year hitch he will rejoin the reserve for another three years.

Spiegle calls Carpinteria, Calif., his home. He was graduated from high school prior to attending Santa Barbara City College for one year. The young Navy man also has worked as a journeyman grocery clerk, but his plans include finishing school and entering the banking business. "I will probably go to a business school and study business administration," he said, "but my plans are not final at this time."

Likes Desert Summers

Although he comes from the coast where the weather is balmy, Spiegle likes the desert summers. "I don't care for the winter too much," he noted, "but the summer heat is nice. Where I live (Carpinteria) the summer weather is damp and I enjoy dry heat."

Hailing from an oceanside community it's not surprising to learn that the young seaman enjoys water sports. "I really like water skiing and surfing, although I haven't been able to do either this past year." Tennis is another sport he enjoys and he is planning to join the Center's Mojave Desert Inter-Service League tennis team this year. He competed in high school and was the fifth-seeded player on his team.

Interested in Ceramics

Before joining the Navy, Spiegle indulged in the hobby of ceramics. "I frequently sold my work around Carpinteria," he recalled, "and my plans for the future include continuing my work in ceramics." Spiegle's main interest was in designing and casting his own pottery, including vases. "I liked to make them real tall," he said.



SUGGESTIONS PAY OFF—Four employees of the Public Works Department recently received recognition for their beneficial suggestions. The awards were presented by Capt. W. H. Thurman (at right), Public Works Officer, to (l-r) Charles E. Hutchins, Delbert D. Perry, Howard P. Ames and George Perrige. Hutchins received a letter of commendation for suggesting that new metal-type windows be installed at the Navy enlisted dining hall, while Perry proposed that an additional, smaller fire extinguisher be installed on fuel trucks. He received \$35 for this suggestion. An award of \$100 went to Ames, whose idea it was to install a boom extension on a truck that is used by workmen servicing electric power lines. Perrige received \$25 for devising a pressure relief valve on a surge relief tank at T range.

—Photo by PH3 Ronald G. Mills



SHARES STATE DOUBLES CROWN—Pat Brighwell shows off the trophy she won in the Class "D" Division of the Women's State Bowling Tournament's doubles category last May 1. She teamed up with Yvonne Griffin to shoot a 1033 scratch, which included a 565 by herself and a 468 by her partner. Pat bowls in three different leagues on the Center and is averaging "about 160." Pat's average at the time she bowled in the tourney was in the 120's.



Happenings Around NWC

STAR PARTY PLANNED
The China Lake Astronomical Society will set up telescopes at Sandquist Spa tonight at 8 for a "star party," which will be open to the general public.

Visitors will be able to see such celestial objects as the planet Saturn, star clusters and gaseous nebulae within the Milky Way, and the great spiral galaxy in Andromeda.

Sandquist Spa may be reached by the turn-off, five miles west of the main gate on Inyokern Rd. The spa is two miles north of the highway.

The Astronomical Society recommends that guests bring flash lights and binoculars.

EM CLUB DANCE
Bob Furey, manager of the Jolly Roger (EM Club) announces that the "Copyrights" will play for a dance tonight from 9 o'clock until 1:30 a.m. at the club. "Members and their invited guests are urged to give this group a listen," Furey said.

SQUARE DANCE OFFERED
One of the most highly regarded callers in California, Bob Johnston, of Long Beach, will call for a square dance on Saturday, sponsored by the Jim Dandies Square Dance Club. The dance, which will be held at the Community Center, is slated from 8 until 11 p.m. Johnston was one of the feature callers at the Country Music Spectacular held recently at Disneyland.

All square dancers in the area are invited to join the Jim Dandies for an evening of fun.

"CHARLIE BROWN"
Bakersfield College, Desert Campus' Theatre 27 will present "You're a Good Man, Charlie Brown," twice more in the Burroughs Lecture Center, tonight and tomorrow night, at 8:15.

The show, which played to en-

thusiastic audiences last weekend, features Alan Kubik, as Charlie Brown, Sandee Schwarzback, as Lucy, and Jim Harrelson, as Snoopy.

The production is under the supervision of Pat Schwarzback, drama instructor for the college. Tickets, priced at \$1.50 for adults and \$1 for students, are on sale at the Lecture Center on the nights of performance.

ACS MEETING
Using computers to calculate the properties of materials may be the occupation of the chemist of the future, according to Dr. Enrico Clementi, of IBM Research at San Jose.

Dr. Clementi will be the featured speaker at a meeting on Monday evening of the Mojave Desert Section of the American Chemical Society.

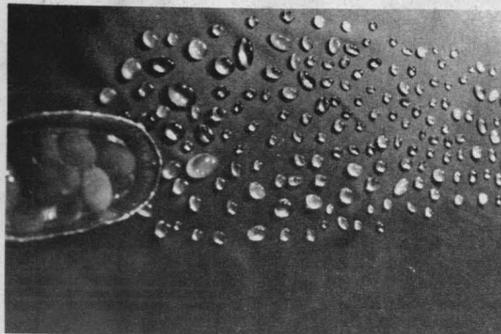
The meeting, which is open to the public, will be held at the Hideaway in Ridgecrest. Dinner is to be served at 7 p.m., and will be followed at 8 by Dr. Clementi's talk entitled "Computations in Macromolecular Systems."

BUFFET OPEN
Ed Swafford, assistant manager of the Chaparral Club, announces the opening of a buffet luncheon, to be served from 11 a.m. until 1 p.m. Monday through Friday. "It's all you can eat, \$1.35," says Ed.

He also announced the booking of "The Nite Crew" for a dance tonight from 9 p.m. until 1 a.m. "Bring your guests," Swafford urged members. "The Chain of Fools" will hold forth on Saturday—same time, same place.



ROCK SHOW HELD—Visitors to the Community Center over the past weekend found ample to occupy their attention and interest at the 15th annual show staged by the Indian Wells Valley Gem and Mineral Society. Among the many and varied displays on exhibit were a collection of geodes from Mexico that was set up by Dick Fulmer, the local rockhounds' publicity director, whose aim was to show various ways in which geodes can be displayed as household art objects. Also shown at left is a display of Mexican opals arranged by Stan and Loretta Dalbec of Ridgecrest. All told, nearly 40 cases of gems, minerals, fossils, Indian artifacts and lapidary work were exhibited. In addition, the show included demonstrations of silver-smithing by Ramona Orton and Virginia Askerman, both members of the local rockhound group, and the art of painting under ultraviolet light was shown by Ed Wagner. For those interested in visiting areas where rocks and minerals may be found, there were field trips to Glass Mountain, Rainbow Ledge and to an onyx mine in Panamint Valley.



Insurance Open Season . . .

(Continued from Page 1)
The open season will give employees an opportunity to switch plans if they have an illness or condition that will result in better benefits under another plan. There is no restriction for pre-existing conditions.

Open-season actions will become effective on the first day of the first pay period in January. Employees are urged to make their open-season change as soon as they have the informational literature they need. Distribution of materials will be made at the earliest possible date.

One of the main advantages of the new policy of an annual open season is that employees and annuitants will be able to change plans more readily in response to changes in benefits and premiums. Premiums generally have been raised each January, but employees and annuitants have been locked into plans by the infrequency of open seasons, and, therefore, have had to pay whatever premiums are charged by their plans.

At the beginning of the open season, or as soon thereafter as possible, an employee will be given a brochure on the plan in which he

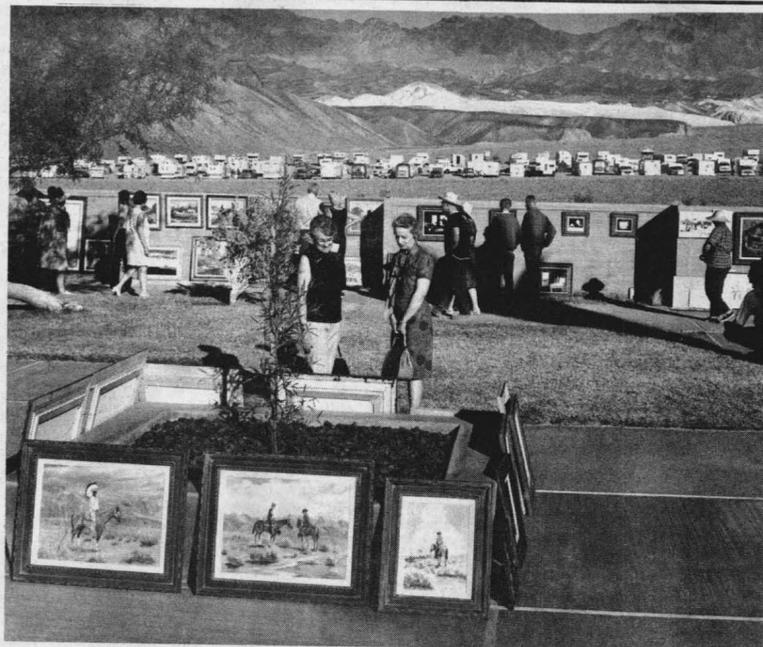
is enrolled and any other he specifically requests. NWC employees may obtain further information on changes in premiums and benefits offered by the various plans from their personnel representative.

Office Skills Course Offered

Enrollment is currently being taken in an Employee Development Opportunity course entitled "Better Office Skills and Services."

A three-day course, it will be conducted Dec. 7-9 in Room 205 of the Training Center by Mrs. Judith Vaillant, from the U.S. Civil Service Commission's Regional Training Center in San Francisco. Enrollment is limited to 25 clerical personnel. Those interested in attending must submit NWC Enrollment Form 12310-28 to the Employee Development Division (Code 654) through proper department channels in order to reach Code 654 no later than Nov. 26.

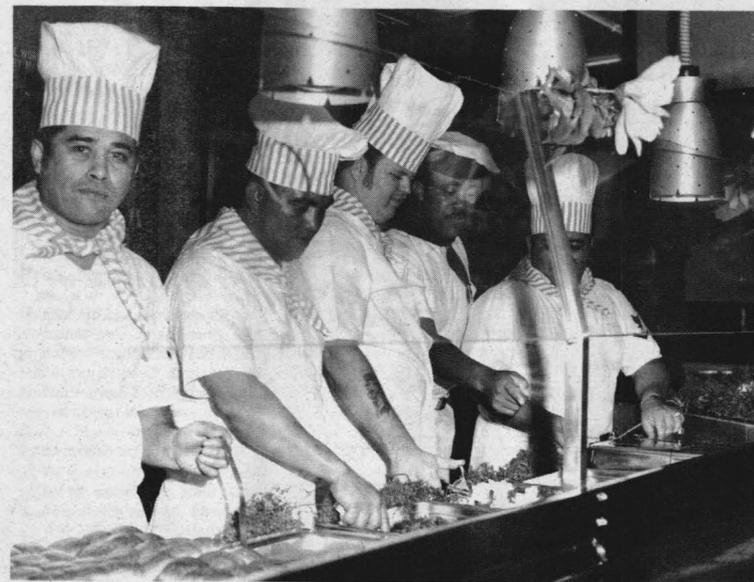
The Better Office Skills and Services course takes the clerical employee through an 8 hour day by covering typical office assignments and problems.



WESTERN ART ON DISPLAY—Among highlights of the 22nd annual Death Valley '49er Encampment, which began Thursday and will continue through Sunday, is a western art show that is on display at the National Park Service Visitors Center in the Furnace Creek Ranch area. In the patio of the Visitors Center, against a background of the Funeral Mountains, with a fringe of campers and trailers, may be seen some of the past year's entries by painters who were invited to exhibit their work. There also will be an artists' breakfast at 8:30 a.m. Sunday at the Furnace Creek Golf Course during which participants will have the opportunity to watch topnotch western artists as they work on new paintings and inspect the paintings completed by these artists at last year's breakfast. Photo by Frederick L. Richards

Improvements Made at Enlisted Dining Hall

Special Preparations Ordered For Thanksgiving Day Spread



NEW LOOK AT MESS HALL—When it's chow time, the cooks don chef's hats and colorful neckerchiefs in a move aimed at brightening up the atmosphere at the mess hall. Ready and waiting to dish out the food are (from left) CS3 L. M. Leyran, CS3 F. B. Lucaben, CS2 B. C. Milburn, CSC Levi Johnson and CS3 Joe Sanchez. —Photos by PH3 Ronald G. Mills

Good food in pleasant surroundings, that's the aim of CWO James Elder, Food Service Officer at the Navy enlisted dining hall, where meals are served to 250 men per day.

In recent weeks, mess hall patrons have found their surroundings brightened by the painting of murals on newly-painted bulkheads and the addition of decorations around the stanchions. Mr. Elder also has arranged for the galley cooks to wear colorful hats with neckerchiefs to match while on duty in the food serving line.

New equipment acquired to go along with the new look has included a rotary, multi-slice bread toaster, a new dishwashing machine and a new potato peeler. New food trays, decorated with the NWC logo, and new table clothes also are in use.

The mess hall at the Naval Air Facility, recently renamed "The Roost," also has been re-painted and sufficient new equipment added to make it possible for food

that is served there to be prepared on the spot, instead of being transported to the air field from the main galley.

A total of 42 men are assigned to the Food Service Division, headed by Mr. Elder, with the work load divided into two watch sections, each headed by a watch captain. Each section includes five cooks and approximately a dozen messmen. The watch captain is the senior cook on duty and is in charge of the complete meal.

Shortly after his recent assignment to China Lake, Mr. Elder attended a week-long food management refresher course at the Navy Subistence Office in Washington, D. C.

Though short in length, the Food Service Management Ashore Orientation Course touched on every phase of Navy food service operations and served to bring those attending up to date on new feeding techniques and equipment.

The course also gave Mr. Elder a chance to discuss food service problems at the Naval Weapons Center with Navy Subistence Office specialists.



A DISPLAY showing what is being offered for that meal is set up by CS1 J. D. Huffman, who as watch captain is the senior cook on duty.



MESS HALL RE-PAINTED—Artificial vines and flowers add a touch of color to the recently repainted enlisted men's mess hall, which was re-done in a salmon-pink shade. Tables, well spaced out, will accommodate a sizeable group of diners without crowding. As an added attraction, the bulkheads are decorated with framed wine posters that add to the desired informal atmosphere of the Navy enlisted dining hall.

A special Thanksgiving Day dinner is being planned by the Food Service Division at the Navy enlisted dining hall.

Meal tickets for the Thanksgiving Day meal will go on sale Monday, Nov. 15, at the Food Service Office, and, as long as they last, will be sold on weekdays between the hours of 8 and 11 a.m. and from 1 to 3:30 p.m. through Tuesday, Nov. 23.

There will be no charge for enlisted personnel who have meal passes, however enlisted personnel who are on commuted rations can purchase a Thanksgiving Day dinner meal ticket for themselves and members of their family at a cost of \$1 each for adults and 75 cents for children under 12 years of age.

Officers and civilian guests wishing to eat their Thanksgiving Day meal at the Navy enlisted dining hall can obtain tickets priced at \$1.50 for adults and 75 cents for children under 12 years of age.



SALADS APLENTY OFFERED—Food to tempt varied tastes can be found at the self-service salad bar in the mess hall. Floral arrangements do their bit to brighten up the place.

- Appetizers
- Shrimp Cocktail
- Relish Tray
- Turkey Noodle Soup with Saltines
- Drinks
- Chilled Fresh Milk
- Hot Coffee
- Chilled Chocolate Milk
- Iced Tea with Lemon Wedges

- Breads
- Sesame Rolls
- Cloverleaf Rolls
- Assorted Breads



- Salads
- Waldorf Salad with Pineapple Dressing
- Chef's Salad with Thousand Island Dressing
- Salad Bar

- Main Entree
- Roast Tom Turkey with Oyster dressing
- Virginia Baked Ham with Pineapple and Raisin Sauce
- Candied Sweet Potatoes with miniature Marshmallows
- Fluffy Whipped Potatoes
- Giblet Gravy
- Buttered Whole Corn
- Cranberry Sauce

- Desserts
- Minced Meat Pie with Hard Sauce
- Pumpkin Pie with Whipped Cream
- Fruit Cake
- Assorted Ice Cream
- Assorted Candy
- Assorted Fresh Fruit
- Assorted Nuts