

VX-5 spouses to host officers' wives luncheon Tuesday

The monthly military officers wives' luncheon for February, which has been scheduled on Tuesday at the Commissioned Officers' Mess, will be hosted by the spouses of Air Test and Evaluation Squadron (VX-5) officers.

A social hour starting at 11 a.m. will precede the salad bar buffet luncheon, which will include dessert and wine.

Everyone who attends is to bring a small plant to exchange and the guest speaker, Kathy Pratt, who is an instructor of horticulture and flower arranging at Cerro Coso Community College, will present a talk on house plants and their care.

All military officers' wives are invited to attend, but advance reservations are a must.

On behalf of the VX-5 Officers' Wives, Mrs. Robert N. Livingston expressed appreciation for the door prizes that have been donated by the COM, Mayfair Florist, La Tienda de Mexico gift shop, Cornelius Shoe Store, Rings and Things, and Williams' Golden Lady styling salon.

Community orchestra sets concert Feb. 27

The Cerro Coso/Desert Community Orchestra has scheduled its winter concert for Sunday, Feb. 27, at 3 p.m. in the Cerro Coso Community College lecture hall.

Conductor Lauren Green will lead the orchestra through a performance of two well-known classical pieces for the enjoyment of local music-lovers.

First on the program will be the Beethoven Piano Concerto Number Five, the famous "Emperor Concerto." Soloist for this concerto will be Stephen Bergens, a local musician who is now studying music at the University of California in Riverside.

After a short intermission, the orchestra will play Antonin Dvorak's Symphony Number Eight in G Major. Tickets for the concert may be purchased at the door on a first-come first-served basis. The admission price is \$2 for adults or \$1 for students and enlisted military personnel.

Muscular dystrophy benefit show slated

The Key Club of Burroughs High School has planned a variety show to benefit the Muscular Dystrophy Foundation.

"Send in the Clowns," a program of singing, dancing, skits and instrumental music, will be presented next Wednesday, Feb. 23, beginning at 7:30 p.m. in the high school's lecture center.

Director Lori McCahan has brought together a group of fellow students, who will provide various types of entertainment to raise money for the medical needs of local people suffering from muscular dystrophy.

Scott Trickett, a Burroughs High School graduate in 1976, will be the master of ceremonies for the evening. He is a singer and guitarist in the style of John Denver.

Tickets, priced at \$2 for general admission and \$1.50 for students, may be obtained at the Music Man and Loewen's in Ridgecrest or from members of the cast.

Country, western band to play tonight at CPO Club

Penny Winkler's country and western group from Brea, Calif., will perform at a Chief Petty Officers' Club dance tonight from 9 until 1.

Dinner special for the evening is prime rib, served from 6 until 9.

Sunday's evening food service will be a buffet. The \$4.50 price includes steamboat round of beef, baked ham, assorted salads, vegetables and coffee, tea or milk.

Members of the Commissioned Officers' Mess and official NWC visitors as well as CPO Club members may patronize this Sunday dining service, operated from 6 until 8:30 p.m.

Reservations should be made with the CPO Club office by calling NWC ext. 3633 or 3634.



TO JOIN NAVY BAND FOR CONCERT — Ten Burroughs High School band students have been selected to join the U.S. Navy Band in the playing of one number, "Our Director March," when the distinguished military band appears in concert here on the afternoon and evening of Feb. 24. The young musicians so honored, and the instruments they play, are: (front row, l.-r.) Jennifer Lyons and Kathy Malone, flute; Mary Porter and Glenda Davis, clarinet; and (back row, l.-r.) Shane Kruk, alto saxophone; Steve Faith, percussion; Brian Gravelle, trumpet; Susie Backman, trombone; Hugh Washburn, baritone horn; and Paul Hugo, tuba. —Photo by Ron Allen

U.S. Navy Band to present matinee, evening performances here Feb. 24

A varied program of musical selections will be presented by the U.S. Navy Band during matinee and evening performances at 1 and 7:30 p.m. next Thursday, Feb. 24, at the Center theater.

For more than 50 years, since March 4, 1925, when the Washington Navy Yard Band was recognized by Congress as the permanent representative band of the U.S. Navy, this fine musical organization has been thrilling audiences in all parts of the United States, as well as in South America, Canada, Germany, Puerto Rico, Bermuda, Panama, Haiti and the Virgin Islands.

According to Cdr. Ned Muffley, officer-in-charge and leader of the Navy's finest musical organization, "Total entertainment is our business. If we can achieve this, then we will not only be the representative of the U.S. Navy, but we will represent the people in America."

Summer Concerts Popular

How successful the band has been in achieving this goal is evidenced by the popularity of the summer concerts that have become an institution to concert-goers in Washington, where millions of visitors have been entertained over the years.

These concerts beneath the imposing dome of the Capitol building and, in recent years, by the Jefferson Memorial, continuously draw capacity audiences of music lovers who relax on lawns or find space on the crowded steps to hear the best in music.

In addition, the following comment from the Chicago Daily News is typical of the "rave" notices that have been printed following U.S. Navy Band performances throughout the country. "Our Navy's band is magnificent. Its repertoire is varied and its style in all it plays is direct and just. Its concert ought to be an annual first in every

theater on Thursday afternoon, other tickets also will be honored at this time.

Tickets, which will be on sale at the theater box office prior to each program, can be purchased in advance from parents of music students who make up the Burros Band Boosters, as well as from members of the Kiwanis Club and the Optimist Club. They also are being sold at the Station Pharmacy and, in Ridgecrest, at the Music Man, Senn's Coiffures, and Loewen's.

Final 2 performances of stage play slated

The final two performances of the Burroughs Players' production of "Ten Little Indians" will be presented tonight and tomorrow night. Curtain time is 8:15 in the high school's lecture center.

This famous mystery melodrama written by Agatha Christie concerns a group of people who assemble for dinner in an eerie house owned by a mysterious man none of the others have ever met. Each guest is accused of murder and, one by one, they are killed, each in a different way.

Tickets, priced at \$1.50 for general admission and \$1.25 for students, enlisted military personnel and senior citizens, are available in advance from members of the cast and crew or at the box office before curtain time.

Enlisted Club dances set
Faith, a well-known rock group from Santa Barbara, will be playing for Enlisted Club dances tonight and tomorrow night from 9 until 2 a.m.



Musician Chief Ronald Norman, Vocal Soloist

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
 - (PG) - ALL AGES ADMITTED
Parental Guidance Suggested
 - (R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian
 - CS - Cinemascope
 - STD - Standard Movie Screen
- Regular starting time—7:30 p.m.
Program subject to change without notice — please check marquee.

FRI. 18 FEBRUARY

"HUSTLER SQUAD" (98 Min.)
John Ericson, Karen Ericson

(Drama) During World War II in the South Pacific islands, Americans get information that the Japanese are going to have their top brass meet on an island to discuss their latest in warfare plans. In order to eliminate as many top men as possible, the Americans devise a plan whereby they furnish the brass with female entertainment in order to find out all necessary information. Four girls from various walks of life are selected and trained how to kill silently and efficiently. Their assignment is to eliminate the Japanese military leaders while entertaining them. With much bloodshed and plenty of action their job is accomplished. (R)

SAT. 19 FEBRUARY

"JURY OF 1" (98 Min.)
Sophia Loren, Jean Gabin

(Drama) The son of a renowned French gangster, Michael Albertine is accused of the murder of a socialite, Muriel Capala. Judge Jean Gabin is convinced of the young man's guilt and proceeds to sway the jury in that direction. Albertine's mother, (Loren) uses her former underworld connections to arrange a kidnapping of Gabin's wife in order to make the judge change his decision. She attempts suicide by not taking her insulin shot, but is revived in time to make her daily phone call to Gabin assuring him of her well-being. (R)

SUN. 20 FEBRUARY

"TREASURE OF MATAUMBE" (116 Min.)
Vic Morrow, Peter Ustinov

(Drama) In 1869, ex-slave Robert Do Qui tells the son of his former master about a treasure of gold buried in Mataumbe in the Florida Keys. Set in the post Civil War period, this film tells a story of two daring lads (David Burnie and his pal Thad) as they escape from the clutches of a villainous band (led by Vic Morrow) which is after the Burnie family's fortune of gold. (G)

MON. 21 FEBRUARY

"HERITAGE SINGERS, U.S.A."
Gospel Music Concert

7:30 p.m.

WED. 23 FEBRUARY

"BUGSY MALONE" (94 Min.)
Scott Baio, Florrie Dugger

(Comedy) Ingeniously conceived, this film is a musical parody of the 1930s gangster type film, with one distinct twist. The entire cast, from hired thugs to brassy B-girls, is comprised of kids, most of them no more than 12 years old. Beginning in an of them no more than 12 years old. The story begins in an atmospheric New York alleyway and introduces its titled character, Bugsy Malone (Scott Baio), as a smooth-talking operator who links up with an aspiring showgirl (Dugger) and breaks up a dwindling criminal empire to earn enough money to get the two of them to Hollywood. Adults will be enormously amused by the nonviolence, in which machine guns fire custard pies and getaway cars are pedal-driven. (G)

THURS. 24 FEBRUARY

U.S. NAVY BAND CONCERT

1 and 7:30 p.m.

FRI. 25 FEBRUARY

"THE LAST HARD MEN" (97 Min.)
James Coburn, Charlton Heston

(Drama) Heston plays a violence-weary Marshal lured out of retirement when his arch enemy, Coburn, breaks out of an Arizona prison railroad gang. His motive is to seek revenge against Heston for the accidental death of his Navajo wife in a shootout while Heston was hunting him down. Suspense builds as Coburn takes Heston's daughter as hostage in order to lure Heston into an ambush. (R)

U.S. Government Printing Office:
783-056 — No. 1014

From: _____

To: _____

PLACE STAMP HERE



Naval Weapons Center
China Lake
California

February 18, 1977

Vol. XXXII, No. 7

INSIDE . . .

- Income Tax Repts To Visit NWC 2
- Nat'l Engineers' Week Proclaimed 3
- Gospel Music Concert Slated 4
- Sports 6
- Enlisted Dining Hall Remodeled 7
- Navy Band To Be Here Feb. 24 8



MANY ACHIEVEMENTS RECOGNIZED — Dr. Sheldon D. Elliott, Jr., was honored for his many contributions to scientific work during a farewell reception held last Friday night. Highlight of the evening was the presentation to him of the Navy Meritorious Civilian Service Award, which he is shown receiving from Capt. Frederic H. M. Kinley, NWC Vice Commander, while Mrs. Elliott (Beverly) looks on at right. Dr. Elliott began work this week in the San Francisco office of the Energy Research and Development Administration. —Photo by Ron Allen

Navy Meritorious Civilian Service Award presented to Dr. Sheldon D. Elliott

The Navy Meritorious Civilian Service Award — the highest honorary award in the Navy civilian service that may be granted by heads of activities — was presented last Friday night to Dr. Sheldon D. Elliott, Jr., during a farewell reception held in his honor at the Commissioned Officers' Mess.

The presentation, which included a certificate, lapel pin, and letter signed by Rear Admiral R. G. Freeman III, NWC Commander, was made to Dr. Elliott, a research physicist with the Research Department since 1958, by Capt. Frederic H. M. Kinley, Vice Commander, on behalf of RADM. Freeman.

Dr. Elliott was commended for the many valuable contributions he has made, not only to the Naval Weapons Center, but to several other Federal agencies. His many achievements in the science of weather modification have brought him to the forefront of the recognized experts in this field. Some examples of the types of efforts in which he has been involved during his 19 year career at the Naval Weapons Center

are: He has worked on oceanographic cruises, and, for a number of years, was involved in the tethering of large balloons at high altitudes. This was done in support of a highly classified project for another agency.

In the weather modification field, Dr. Elliott has made a number of important contributions. He did a considerable amount of the early development in pyrotechnics, adapting the cloud seeding materials developed by the Research Department's Chemistry Division and the Propulsion Development Department to existing ordnance items so that preliminary tests could be safely conducted.

In addition, he participated in Project POPEYE, serving in Vietnam for a period of several weeks. Upon returning he assumed the major role in conducting the analysis of the project and was the person, more than any other, responsible for the rigor and completeness of the final report.

(Continued on Page 5)

Johnson picked for Bluejacket of Month honor

Builder Third Class Marvin W. Johnson, of the Public Works Department's Self-Help Project Branch, has been selected as the Naval Weapons Center's Bluejacket of the Month for January.

The 22-year-old native of Gorham, N.Y., is a crew leader in his branch, and as such reads blueprints, directs the work of five men, and handles the ordering of building materials. His crews have spearheaded



BU3 Marvin W. Johnson such jobs as building the new handball/racketball courts at the NWC gymnasium, installation of sidewalks at the China Lake Nursery School, and construction of the High Desert Recycling Center.

Before assuming his crew leader duties in December 1975, BU3 Johnson was a crew member on a number of significant projects, including installation of a three-mile long water pipeline at Junction Ranch, rehabilitation of the Aircraft Department's mess hall for enlisted sailors, construction

(Continued on Page 4)

Varied activities highlight Black History Week

During the period of Feb. 6 through 12, the attention of Naval Weapons Center employees and other interested persons was focused on the contributions of black Americans to this nation's history as NWC joined in the annual observance of Afro-American (Black) History Week.

The wide variety of activities which took place served not only to highlight the past, but also called attention to the increased efforts being made at this time (both in the government and the private sector) to insure equal opportunity for black people in all phases of American life.

The nationwide observance of Black History Week was timed to include the birthdays of two great champions of freedom — Abraham Lincoln and Frederick Douglass.

Among highlights of the past week's activities here was the presentation of an award from the NWC Equal Employment Opportunity Office to Mrs. Bettye Rivera Sembach in recognition of her many contributions over the years to the observance of this special week.

Mrs. Sembach, who is currently on the

Education Committee of the National Association for the Advancement of Colored People and chairman of the Desert Area Teachers Association's Human Relations Committee, received the EEO award during a luncheon that was held on Wednesday, Feb. 9, at the Chief Petty Officers' Club. The presentation was made by Grant Williams, Deputy Equal Employment Opportunity Officer.

The luncheon speaker for this occasion was Dr. T. O. Bartley, director of the volunteer tutorial program and Deputy EEO Officer at the Naval Electronics Laboratory Center in San Diego. His subject was "Educational Aspects of Black History Week."

The agenda for Afro-American (Black) History Week began with a religious program on Sunday, Feb. 6, at the NWC All Faith Chapel. The Rev. Ezra Turner, pastor of the Union Baptist Church, delivered the

main address entitled "The Church as a Source of Leadership in the Black Community."

The following day (Monday, Feb. 7), approximately 120 persons attended morning and afternoon lectures on Afro-American history from 3000 B.C. to the present that were given by Williams. In a quickly moving presentation, the Center's Deputy Equal Employment Opportunity Officer discussed the origins of mankind, various early civilizations and several of the ancient African empires.

One of the high points of the day was the showing of the Encyclopedia Britannica Film "Heritage in Black," which served to summarize the lectures by Williams.

The Community Center was the setting on Tuesday, Feb. 8, for a food fair and art display. The works of various black artists (loaned to NWC by Contemporary Crafts, (Continued on Page 4)



EEO AWARD PRESENTED — Bettye Rivera Sembach, a teacher at Vieweg Elementary School, was the recipient of the Naval Weapons Center's EEO Award during a luncheon on Feb. 9 that was one of the highlights of the local observance of Afro-American (Black) History Week. Presentation of the award was made by Grant Williams, the Center's Deputy Equal Employment Opportunity Officer.



IT'S BROTHERHOOD WEEK — Representatives of the Indian Wells Valley Ministerial Fellowship and the Sierra Sands Unified School District were present last Friday for the signing of a proclamation which designated the period of Feb. 13-19 as National Brotherhood Week in the Indian Wells Valley. The official document was signed by Ted Edwards (seated at left), Mayor of Ridgecrest, and by Capt. Frederic H. M. Kinley, Vice Commander, on behalf of Rear Admiral R. G. Freeman III, NWC Commander. Standing are (l.-r.) the Rev. Jerry Clapper, past president, and the Rev. Larry C. Kassebaum, the current president of the Indian Wells Valley Ministerial Fellowship; Bettye Rivera Sembach, a local school teacher who serves as chairman of the Human Relations Committee of the Desert Area Teachers Association; and Capt. T. C. Herrmann, NWC senior chaplain. "Brotherhood," it was noted in the proclamation, "stands first and foremost for the very best of man for all mankind. In this world with its ever-shortening lines of communication, men can no longer live as strangers," it was added, along with the observation that "brotherhood is not just a Biblical term but the very essence of comradeship and a happy life for all."

—Photo by Ron Allen

5 Centerites receive BA degrees during graduation ceremony at Chapman College

Five NWC employees were among the local residents who received bachelor of arts degrees in a graduation ceremony held recently at Chapman College in Orange, Calif. The graduates were enrolled in classes conducted locally and at Edwards Air Force Base and George Air Force Base. Carolyn Heyden, a budget analyst in Code 0832, received her degree in social science. Sam Miller, also a recipient of a degree in social science, is an engineering documentation specialist in Code 3654. David Rugg, whose degree was earned in the field of geology, is a technical manuals editor in Code 3655. Linda Webb, secretary in the Equal Employment Opportunity office, received a degree in psychology. Another social science degree was presented to Linda Adams, administrative assistant in Code 395.

Other local area residents to earn degrees

Federal, state income tax reps to visit NWC

Free assistance in preparing both federal and state income tax returns will be available next Friday, Feb. 25, from 8 a.m. to 5 p.m., at the Community Center. A representative of the Internal Revenue Service will be in Panamint Hall, while those who have questions or need help in preparing their state income tax returns should visit the Yucca Rm.

The Rocketeer

Official Weekly Publication
Naval Weapons Center
China Lake, California

RAdm. Rowland G. Freeman III
NWC Commander

Dr. G. L. Hollingsworth
Technical Director

C. E. Van Hagan
Head,
Technical Information Department

Don R. Yockey
Editor

James J. Stansell
Associate Editor

Terri Jacks
Editorial Assistant

Ron Allen
Staff Photographer



DEADLINES
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.
Phones 3354, 3355, 2347

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 092, Ext. 2049. 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 096 or 097). 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.

Assistant Technical Director for Electronics Warfare and Head, Electronic Warfare Department, 10 USC 1581, PD No. 7435099 AmI, Code 35 — Temporary promotion not to exceed 1 year. As senior technical manager, is responsible for analysis and design of guided missile weapon systems, airborne radio frequency surveillance and homing systems and electronic warfare systems; provides leadership and guidance to a multi-discipline engineering/scientific and support workforce of 330 employees. Knowledge of defense suppression, electronic warfare, radar and foreign air defense systems is required. **Job Relevant Criteria:** Demonstrated ability to manage scientific development; demonstrated understanding of Defense Suppression Electronic Warfare; demonstrated ability to function as a manager in a large multi-disciplined work force; demonstrated experience in interfacing with all levels of Navy in regard to advising and representing NWC in connection with problems and programs. Education: Bachelors degree or equivalent in one or more of the physical sciences. The following screen out factor will be used: Significant managerial experience at a high level in a multi-disciplined research and development laboratory involved with defense suppression, electronic warfare and development of complex weapon systems, or in a position of comparable stature. **Supervisory Fire Protection Inspector, GS-081-8 / 9, PD No. 7724007E, Code 2402** — This position is located in the Fire Division of the Safety and Security Department. The incumbent is responsible for the development, coordination and implementation of fire prevention and inspection activities; administers the overall Fire Prevention program; inspects and supervises the conduct of an on-going fire prevention training program for all military and civilian personnel of the Center. Additional duties include conducting special studies regarding hazardous conditions, reviewing new construction, site locations and alterations, supervising standby duties of firefighters for the purpose of maintaining fire safety during hazardous operations, and inspection of facilities and operations to insure against potential fires. **Job Relevant Criteria:** Experience in inspecting for and detecting, controlling and eliminating fire hazards; experience in applying fire regulations and controls; in writing descriptions of violations and corrective recommendations; in speaking to groups on fire prevention plans and procedures, and in preparing safety regulations or training materials for firefighting personnel. **Police Officer, GS-083-2/3/4/5, PD No. 7184004, 884015, 884016, 7184019** — This position is that of police officer and is located in the Police and Security Operations Division of the Safety and Security Department. The incumbent will train in all aspects of law enforcement. This training will be both of formal and informal nature. Incumbents will patrol assigned areas with a senior police officer, conduct preliminary investigations, and prepare reports. **Job Relevant Criteria:** Knowledge of law enforcement methods and principles; ability to work in stress situations, to communicate effectively both orally and in writing, to exercise good judgement, and to deal tactfully with others. Four vacancies. Summary of qualification requirements: GS-2 — written test to demonstrate ability to understand the written word and to follow oral directions. GS-3 — 1 year law enforcement experience. GS-4 — 2 years law enforcement experience. GS-5 — 3 years law enforcement experience. **Safety Specialist, GS-018-5 / 7, PD No. 7724009, Code 244** — This position is located in the Industrial and Range Operations Division of the Safety and Security Department. The incumbent will receive training in the areas of accident prevention and control (survey and investigation), traffic safety (classroom lectures, traffic studies, investigations), and safety education (preparation and presentation of safety training courses). As part of the training, the incumbent will be expected to assist in these functions and also perform duties independently when required. **Job Relevant Criteria:** Experience in the safety management field, knowledge of accident prevention and hazard control principles, ability to gather and analyze data, and to communicate effectively, both orally and in writing. Promotion potential to the GS-11 level. **File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.**
Visual Information Assistant, GS-1001-7, PD No. 7553079-2, Code 2342 — Located in Field Service Branch No. 2 of the Technical Information Department, incumbent supports visual information specialists and illustrators in preparing material for publication and presentations. Work is performed for the various types of visual communication such as reports, oral presentations and vugraphs. Incumbent assists in the design of the product to be presented and also does composing and proofreading. **Job Relevant Criteria:** Experience in assisting illustrators, designers, visual information specialists or editors in preparing visual communication products; demonstrated skills in composition, layout and page design; knowledge of reproduction and printing methods, and familiarity with NWC technical publications and applicable military specs. **File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2733.**
Procurement Clerk (Typing), GS-1184-4 / 5, PD No. 7425099N, Code 2524 — This position is located in the Contracts Branch, Procurement Division, Supply Department. Incumbent types contracts, invitations for bids, Naval messages, etc.; assembles bid packages; maintains bid board; types travel orders and itineraries; sorts and distributes mail for the branch. **Job Relevant Criteria:** Ability to use a magnetic card typewriter, ability to type statistical material, and knowledge of procurement documents and procedures. **Supply Systems Analyst/Management Analyst, GS-2003/343-7, PD No. 7425027/7525022-1, Code 2511** — Off-Center applicants with Civil Service status may apply. This position is located in the Planning and Administrative Division of the Supply Department, incumbent will participate in the design of systems for processing supply data. Incumbent will analyze the data requirements and operating methods of the Supply Department and devise means of improvement. **Job Relevant Criteria:** Knowledge of Navy Supply System requirements, knowledge of data processing systems, and the ability to deal with personnel at all organizational levels. Promotion potential to the GS-9 level. **Lead Purchasing Agent, GS-1105-67-48, PD No. 7425015E, Code 2522** — The position is located in the Small Purchase Branch, Procurement Division, Supply Department. The incumbent serves as a section supervisor; assigns and reviews work related to small purchase procedures; and trains new employees. **Job Relevant Criteria:** Supervisory experience, knowledge of small purchase procedures, and the ability to communicate effectively. **(Continued on Page 5)**



CREATIVENESS REWARDED — E. G. Cozzens (at left), associate head of the Engineering Department, congratulates Roland E. Baker upon his receipt of a patent award. Baker, manager of the Harpoon Production Office, developed a hollow propellant grain with an aft end section having a greater web thickness than the forward end. This prevents damage to the aft end of a motor housing without requiring the usual heavy insulation.

DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1015
Sunday School — All Ages 0900
Wednesday Noon Bible Study 1130
Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.
Comunion Service first Sunday of the Month.

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130
Daily except Saturday, 1135, Blessed Sacrament Chapel

CONFESSIONS
Daily 1115 to 1130
Saturday 1615 to 1645
Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
Sunday Pre-school thru 6th grades 1015
Wednesday Kindergarten thru sixth 1530
Sunday Seventh & eighth 1900
(Junior High)

Above classes are held in Chapel Annexes across from the former Center Restaurant.
As announced Ninth thru 12th grades
"In Home" Discussion Groups
Monthly Youth Rallies
Contact Chaplain's Office for specifics.

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL
Sabbath Services every Friday

UNITARIANS
CHAPEL ANNEX 95
Sunday Services — (Sept.-May) 1930

Burroughs varsity . . .

(Continued from Page 6)

stopping Robert Campbell of Burroughs. Even though this double coverage and a defense centered around him limited Campbell to just three field goals for the night, he drew a number of fouls and hit on 10 out of 11 attempts at the charity stripe to end up with a total of 16 points for the evening. Top point maker for the locals and the only other Burroughs player in the double-figure scoring column was Kevin Silberberg, who tallied 18. Alan Robertson, a reserve, came through with his best game of the season by scoring 9 points and snaring 7 rebounds. While Anderson of Victor Valley was limited to 20 points, the Jackrabbits mustered a much better balanced scoring attack than Burroughs. William Lightner, Dansbury Sturdivant and Barry Stonesifer rattled the hoop for 14, 12, and 10 points, respectively, to help clinch the victory for their team. In another of their patented cliff-hangers, the Burros eked out a 71-70 win over the Barstow High School Riffians on Tuesday night at Barstow. The game-winning bucket was tipped in by Campbell with just 4 sec. left to play. The Riffians, who were trailing by 5 points with 2 min., 20 sec. still remaining on the clock, chipped away at the Burros' lead and finally went in front, 70-69, after being awarded 2 points for goal-tending on a shot that was put up by the Riffians' Scott Morgan.

Final Strategy Plotted

There were now only 43 sec. left to play and Burroughs had the ball following a time out called to plot final strategy. Staying in a man-to-man defense, the Riffians couldn't quite keep up with Benny Vick, the team's playmaker, who drove in from the side and cut loose with a shot from around the free throw line. Although Vick's shot didn't drop in, Steve Hamm snagged the rebound and put up another try for a basket. It also missed, but Campbell was right there to tip it for the 2 pointer that won the game. In the hard-fought game at Barstow, the Burros led, 18-16, at the end of the first quarter, and left the floor at halftime on top, 41-36. By the end of three periods of play, the locals held a 3-point margin of 55-52, and the stage was set for the final, frantic 8 min. of action that ended in a 1-point victory for the locals.

Top scorers for Burroughs were Campbell (22), Silberberg (16) and Robertson (10), while the Riffians were led in the scoring department by Sal Ulivarri and Scott Morgan, with 20 points each, and Jim Tennell, who tallied 16. Free throws were a vital factor in the win by Burroughs — particularly the critical charity tosses in the fourth period, when Hugh Washburn and Robertson each hit 2 for 2 and Silberberg made good on 2 out of 3 attempts to help the Burros maintain their lead.

NWC places 5th . . .

(Continued from Page 6)

the losers' bracket, where they faced the host team, Nellis AFB, in their final game, played later that day. Nellis downed NWC by a score of 87-71, thanks to a devastating first half in which the hosts took a 43-28 advantage. Although China Lake was outscored only 44-43 after the halftime intermission, this late showing proved of only little consolation as this defeat knocked NWC out of the tournament. Moline led his team with 27 points, while Penny had 13. March AFB, in winning this tournament — the first MDISL competition of 1977 — received 15 points to lead the standings at this early date. For its second place tourney showing, Nellis AFB is next with 13 points, and the third place winner, George AFB, has 11 points. Fifth-place China Lake received 10 points for its 1-2 tournament record, as did each of the other teams which participated.

Employee in the spotlight



Gordon Hannon

money "because one plant can be operated more inexpensively than two," and will prevent the pollution of G range, which occurred when the old lagoons there overflowed. Since 1953, Gordon has been directing the U.S. Geological Survey's water resource

investigations in this area, and has encouraged the IWV County Water District and the Kerr-McGee Chemical Corp. to participate in these studies. A Sustained Superior Performance award which Gordon received in 1975 (he received his first in 1963) was based in part on these efforts. According to the accompanying letter of recommendation, "This joint venture in obtaining and sharing knowledge about the water basin has proved to be quite successful and the continuation of this cooperative effort should prevent future water supply problems."

Ample Water Supply

These studies indicate, says Gordon, that, for the foreseeable future, "the Navy and the local area just can't grow enough to run out of water. This water should be good for the next 200 years, but you do have to pump in the right places." Born and raised in Shelton, Neb., Gordon attended Creighton University in Omaha from 1929-31 and the Colorado School of Mines in Golden from 1931-33, all with the idea of becoming a chemical engineer. In common with a few other people of this era, however, he found himself somewhat short of funds, and thus never completed the requirements for a degree. His first job out of school was digging postholes at \$1 a day for a neighbor farmer — who to this day owes him \$15 for the work.

Remodeling work under way at Navy enlisted dining facility

An extensive program of remodeling and redecorating has begun and will continue for a three-month period at the Navy dining facility for enlisted military personnel. According to LCdr. H. A. Wells, assistant Public Works Officer, the renovation will include the installation of new dining booths, carpeting and drapes, as well as a complete repainting of the interior. New decorations that are planned will adhere to a "nautical" theme in the murals that are to be painted on the walls, and in the use of ship's clocks and anchors. Prior to the start of the bulk of the remodeling, decorative rope work on the dining facility's roof support columns has been commenced by BM1 Mike Freily and BM2 Sam Treece, who have volunteered their help on this project.

Other talented military personnel are invited to lend a hand later by painting murals, or involving themselves in other types of art work that will be used to decorate the Navy dining facility. Those interested in taking part in this activity are asked to contact Master Joseph L. Mestas, food services officer, by calling NWC ext. 3830. While the remodeling work is under way, there will be some inconvenience that dining facility patrons are asked to take into consideration with equanimity. Even though the craftsmen assigned to this program will have to work around meal-serving hours, only half of the mess hall will be open to use while the other half is being redecorated and improved.



A KNOTTY SITUATION — Included in the work of redecorating the Navy dining facility for enlisted military personnel, BM1 Mike Freily (at right) and BM2 Sam Treece (not present for photo) have been working on some fancy rope work that is to cover the mess hall's roof support columns. Examining the progress of this work is Master Chief Joseph L. Mestas, food service officer. —Photo by Ron Allen

Gordon's interest in water probably developed from the first substantial job he ever held — as a surveyor, and, later, a construction engineer for the Platte Valley Public Power and Irrigation District in North Platte, Neb. It was during this period that he met and married his wife, Elizabeth. Their son, Walter, is now an engineering aid in the Range Department.

WPA Experience

From 1936-42 Gordon was employed by the Work Project Administration in Lincoln, Neb., as a water conservation engineer on the construction of earth-filled conservation dams. At night, he took a three-year correspondence course in civil engineering "which I rely upon to this day, along with my experience." During the rest of the war years, Gordon worked for private contractors in Kansas, Nebraska and Washington on the construction of an airfield, ammunition depot, and support facilities for the design of the first atomic bomb. He first came to China Lake in 1945 as an employee of the Los Angeles firm of Holmes and Narver Engineers. While supervising design work on the construction of buildings at Salt Wells, Gordon worked 12 days on, two days off. Business hours were 7 a.m. to 11 p.m., and the heat and rattlesnakes went with the job. Began Work for Navy in '46 Gordon (and who wouldn't?) liked China Lake so well that in early 1946 he accepted a Navy job here as a civil engineer with the Officer-in-Charge-of-Construction. He did design work for many buildings of the Naval Ordnance Test Center, including those in the housing areas, at the ranges, and SNORT track. Finally, too, Elizabeth and young Walter were able to join him at China Lake — they had been staying in Compton — when they were assigned an old duplex on Bard St. that rented for \$32 a month. In 1951, Gordon transferred to China Lake's Public Works Department, and soon began the work that has occupied him ever since — as a utilities engineer concerned with the Center's water and sewer systems, and its consumption of propane, fuel oil, natural gas, and electricity. Next Friday, Feb. 25, Gordon will retire from his job, but you'll still be seeing him around town as he puts in his yard or takes his grandsons, Scott, 6 and Jeff, 4, on outings. You might even see him engaged in one of his favorite pastimes — fishing in the nearby mountains. When he's not at home, he and Elizabeth might be doing some of the traveling they've been putting off for years, "because there's still a lot of this country we haven't seen yet."

Upset in 'C' Div. marks Intramural Basketball action

In an abbreviated Intramural Basketball League schedule last week, a major upset occurred when the previously unbeaten Royals lost badly to their major rivals in the "C" Division on Tuesday night, Feb. 8.

The Royals were riding high atop their division with a perfect 8-0 record when they locked horns with the No-Names in one of the key contests of the week. Paced by Don Connell's 20 points, the No-Names emerged from anonymity with a stunning 75-50 victory and evened the records of both teams at 8-1. Harry Gordon tallied 13 points for the Royals.

In the "B" Division game that night, the Speedsters defeated the Gamecocks by a score of 56-39 behind the 26 point performance of Brett Fisher. Chris Wilson pumped in 17 points for the Gamecocks, who were down a fatal 15 points at halftime.

FAC No. 1 Wins Easily

The "A" Division game that night saw FAC No. 1 defeat Kern River Tours, 65-42. High point man for the game was Gary Smith of Kern River, who had 22 in a losing cause, while Rich Peterson led FAC with 16.

The Net Knockers met the hoopsters from Homestead in the only Intramural League game on Wednesday night, Feb. 9, due to a game between Cerro Coso Community College and Palo Verde College, which was held at the Center gymnasium.

Although the Net Knockers held a 24-16 lead over their "B" Division rivals at the halftime intermission, the Homesteaders fought back doggedly and closed the gap to within 2 and 3 points on separate occasions. The game was not really decided until the last 15 seconds, when Homestead committed two turnovers that allowed the Net Knockers to win the contest by a score of 44-41.

Rod Maskew led the winners with 14 points, and Darrel Johnson scored 11 for Homestead.

No Intramural League games were held on Thursday, Feb. 10, because too few referees were available.

BHS gymnast will represent Ridgecrest at state level meet

Patty Parks, a petite Burroughs sophomore, has qualified to represent Ridgecrest in Class II gymnastics competition at the Southern California state level.

During a district meet held in Santa Fe Springs last Saturday and Sunday, the 15-year-old member of the High Desert Gymnastics Team achieved a fifth place ribbon on bars and a ninth place all-around, for a 64.0 all-around total score.

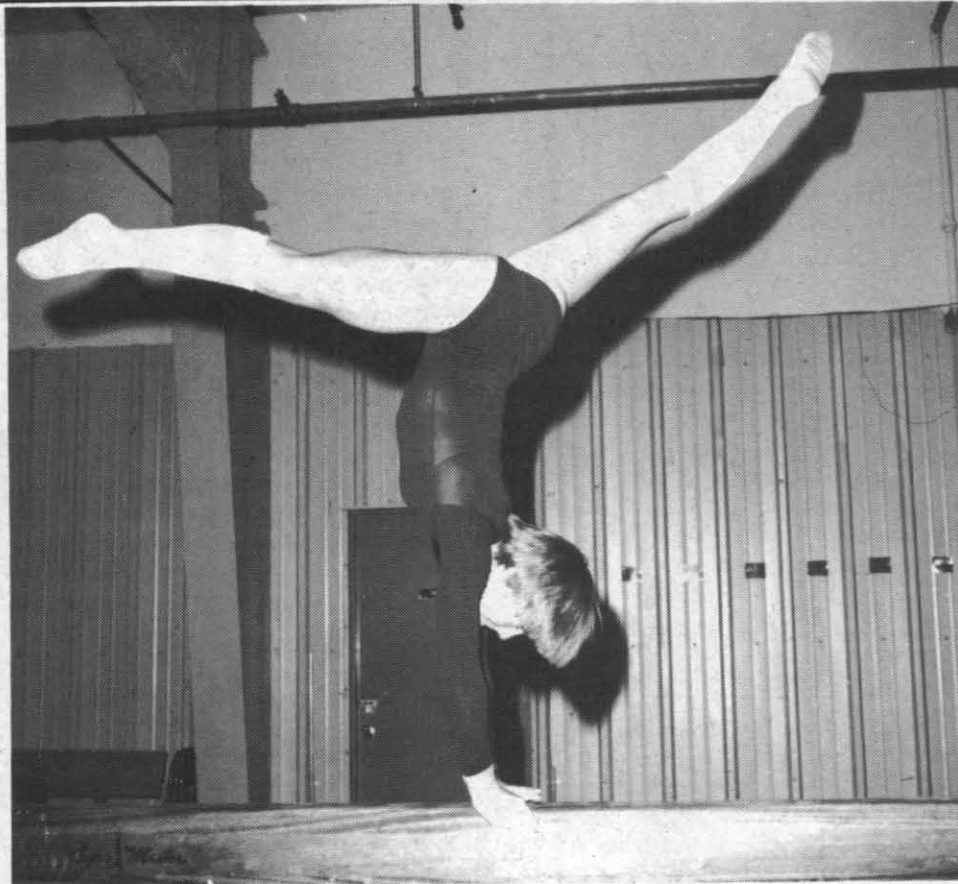
Also representing Ridgecrest in the senior Division was Coleen Burke. Although this Burroughs freshman did not attain scores sufficient to qualify her for state competition, her 52.1 all-around total represented a majority of good scores in the high 6s and 7s on both compulsory and optional events.

Optimistic Competitor

With scores in individual events ranging from 7.55 to 8.75, Miss Parks shows good control in all gymnastics events. "I feel I will do better at state," she said, adding that she was aware of some lapses in her usual good form that she can remedy before the Class II Southern California Championships, to be held at the Redlands YMCA on Feb. 26 and 27.

Two other Tumbleweeds represented Ridgecrest at the Class II level last week. Laurie Barthle and Anna Leese topped off their first year of Class II competition as competitors in the Children's Division of the district meet in Santa Fe Springs on Friday.

All-around scores of 29.2 for Miss Barthle and 25.25 for Miss Leese are totals for compulsory events only, since Children's Division gymnasts do not compete in optional routines.



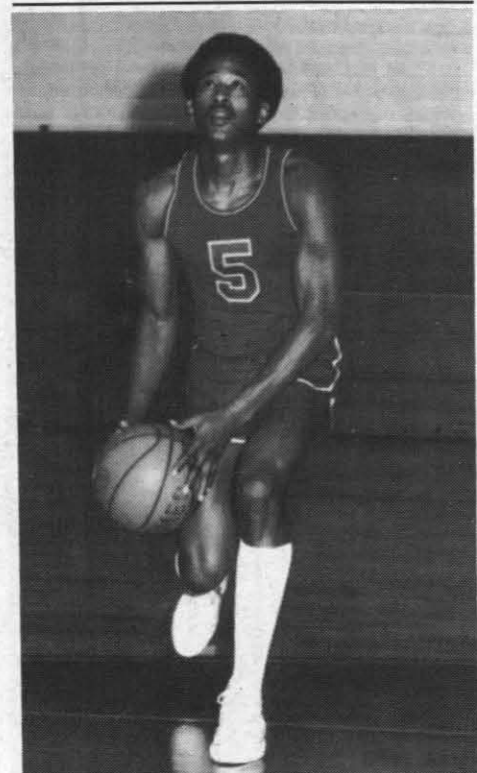
TOP PERFORMER — Kyra Specht, Ridgecrest's only Class I gymnast, is shown practicing a handstand split in preparation for her next meet, which will be held at the Gymnastics Olympica gymnasium in Santa Monica tomorrow. Although she isn't required to compete in this meet in order to go to the March 12 district competition (which she qualified for on Feb. 5 and 6 at Santa Fe Springs, Calif.), Miss Specht hopes to gain more experience and higher scores by entering tomorrow's event.

Burroughs High varsity cagers to end season tonight against Rebels

Burroughs High School's varsity basketball team will close out its 1977 season by hosting the Quartz Hill Rebels tonight in the local high school gym. Tip-off time will be 8 o'clock for the varsity clash, which will be preceded by freshman, sophomore and junior varsity contests at 3:30, 5 and 6:30 p.m., respectively.

The varsity hoopsters would like nothing better than to knock off the Rebels, since just a month ago the Burros were rolling along with a string of five straight league victories when they were upset 63-60 by Quartz Hill on the Rebels' home court.

That setback marked a turning point in the Burroughs High varsity basketball season, since the locals suffered five straight losses before getting back on the winning track this past Tuesday night at Barstow.



STANDOUT PLAYER — Jyrone Raiston, who turned in sensational scoring performances in the recent NATO Championships held in Brussels, Belgium, is a key man on the All-Army squad which will be visiting China Lake on the weekend of Feb. 26 and 27 to play Cerro Coso Community College and NWC. Raiston, who at 6 ft. 1 is the smallest player on the team, formerly played for Kentucky Wesleyan College.



Doug's Corner

Admiral's Cup basketball play to begin Tuesday

Admiral's Cup competition in basketball will begin next week at the Center gymnasium. All games will start at 5 p.m.

Scheduled to lead things off next Tuesday are the Air Test and Evaluation Squadron Five and the Naval Weapons Center hoopsters. On Wednesday, VX-5 and the Aircraft Department teams will play, while NWC and the Aircraft Department cagers will meet on Thursday, Feb. 24.

In this double round-robin tourney, the same teams will play one another again on March 1, 2 and 3.

Currently, NWC and the Aircraft Department are tied for the top spot in the Admiral's Cup race with 20 points apiece, while VX-5 has 14.

Tennis Club Meeting

The annual business meeting of the China Lake Tennis Club will be held next Thursday night, Feb. 24, in the Sidewinder Rm. of the Community Center at 7:30 p.m.

According to Bob Forrester, secretary-treasurer of the group, the purpose of the meeting and social gathering is to nominate and elect officers for the coming year, and to collect annual dues. All interested persons are invited to attend.

Ladies' Night

Ladies' night this Monday will be cancelled due to the Washington's Birthday holiday. The gymnasium will be open, however, during the hours of 11 a.m. to 7 p.m.

Soccer Club Matches

Players of the China Lake Soccer Club adult squad dropped a hard-fought 5-2 decision to their counterparts from Edwards Air Force Base at the winners' home field last Saturday.

After 20 minutes of play, the teams were locked in a 2-2 tie, but for the next 15 minutes the China Lake club seemed to abandon its defensive play and thus allowed Edwards to stuff home three goals.

The two clubs will play at China Lake's Davioud Field within the next few weeks. Details will be announced in a future issue of THE ROCKETEER.

The China Lake Soccer Club youth squad came out on the short end of a more tightly played contest against the Granada Hills 76ers, which was held last Sunday at the campus of Cal-State Northridge.

Although the locals lost by a score of 2-0, China Lake goalkeeper John Fry helped to keep it close with a couple of plays that even had the Granada Hills fans cheering.

NWC quintet places 5th in MDISL tourney

Hoopsters representing the Naval Weapons Center made their best showing in Mojave Desert Inter-Service League (MDISL) play in three years recently as they placed fifth out of nine teams competing in a tournament at Nellis Air Force Base, Las Vegas.

The China Lakers looked very good in their opening game last Friday, against the quintet from the Marine Corps Base, 29 Palms. Although the Marines held a 19 point advantage at halftime, NWC looked like a different team after the intermission as the locals made a strong comeback and closed the gap to only 3 points with 2:05 remaining in the contest.

Behind some clutch rebounding and scoring from Ron Penny, Daryl Moline and Dave Crandell, NWC took a 55-50 lead with just 30 sec. left on the clock. The Marines

This loss dropped the NWC hoopsters into (Continued on Page 7)

Nat'l Engineers' Week proclaimed; dinner, chemical plant tour slated

A proclamation calling for the observance of National Engineers' Week during the period from Feb. 20 through 26 in the Indian Wells Valley was signed this past week by Capt. Frederic H. M. Kinley, Vice Commander, on behalf of Rear Admiral R. G. Freeman III, NWC Commander, and by Ted Edwards, Mayor of Ridgecrest.

The proclamation noted the appropriateness of commemorating the achievements of George Washington as a surveyor and civil and military engineering during the week of his birthday on Feb. 21, and stressed the pride taken by members of the engineering profession for their role in striving to make the world a better place in which to live.

Local events planned in observance of National Engineers' Week are being sponsored by the High Desert Engineering Association (HIDEA), which is composed of nine engineering societies that are represented here by local sections or chapters, or by interested members. They are:

Members of HIDEA

The American Society for Quality Control (ASQC), American Institute of Aeronautics and Astronautics (AIAA), American Society of Civil Engineers (ASCE), California Society of Professional Engineers (CSPE), Institute of Electrical and Electronic Engineers (IEEE), American Institute of Chemical Engineers (AIChE), American Society of Mechanical Engineers (ASME), Society of Logistics Engineers (SOLE), and the Society of Manufacturing Engineers (SME).

Two special activities are planned here in celebration of National Engineers' Week. They are a dinner at the Commissioned Officers' Mess next Friday evening, Feb.

25, and a tour on the morning of Saturday, Feb. 26, of the Kerr-McGee Corporation's new facility that is located in Searles Wells Valley, near the community of Argus.

Featured speaker for the dinner at the COM will be W. F. Cuddihy, from the National Aeronautics and Space Administration's Langley Research Center in Hampton, Va., who will present a talk entitled "Viking Mission to Mars."

This presentation will include the showing of a number of photos received from the red planet, as well as a discussion of the scientific experiments performed and engineering problems solved from millions of miles away.

A social hour will precede the National Engineers' Week dinner at 7 p.m. on Feb. 25, and the program by Cuddihy is slated at 8 o'clock. Both the dinner and the tour of the newest addition to the Kerr-McGee Corp. plant are open to all interested persons.

Dinner tickets, priced at \$8 per person, can be ordered by calling the following: Bob McCarten, NWC ext. 7518; Jim McGuire, NWC ext. 5481; Jim Serpanos, NWC ext. 3340, or Tony Miller, 446-3501. McCarten also is taking reservations for the Kerr-McGee plant tour.

Effectiveness of personnel management now being reviewed

A Presidential memorandum directs all agencies to establish a system to periodically review the effectiveness of their personnel management.

The objectives are to provide assistance to heads of activities in identifying and overcoming civilian personnel problems; to provide feedback to higher levels on progress made and problems encountered in implementing the civilian personnel program, and to assure that delegated civilian personnel authority is being exercised properly.

The principal method for evaluating civilian personnel management in the Navy is a program of on-site reviews conducted by the field divisions of the Office of Civilian Personnel. Such a review is scheduled for NWC in April. Initial steps in such a review include administering a Self-Evaluation Questionnaire to a random sample of activity personnel. This phase is currently under way at NWC.

All responses are voluntary, completely confidential, and anonymous, with recipients asked not to complete the organization location box on the answer sheet. Respondents are asked, upon completing the questionnaire, to remove the name and code label and return the questionnaire and answer sheet to Code 09 via guard mail by next Friday, Feb. 25.

The accumulated answer sheets will be sent to the Navy Office of Civilian Personnel for processing by automated equipment. Summaries will be returned to NWC for analysis and appropriate action.

3 Los Angeles area men arrested by China Lake police

Last week, three men from the Los Angeles area were arrested by China Lake police officers. Two were found inside the boundary of the Naval Weapons Center's north ranges.

China Lake police filed trespassing charges with the U.S. Magistrate at Bishop, and a charge of carrying concealed weapons against one of the trespassers with the Inyo County Court.

China Lake police officers were aided by a Navy helicopter piloted by Maj. W. C. Corley of VX-5 in their search for the suspects, two of whom were observed on foot by the helicopter crew. The pilot then directed police to their location.

The third suspect was taken into custody at his car.



NATIONAL ENGINEERS' WEEK PROCLAIMED — The period of Feb. 20 through 26 has been designated National Engineers' Week in the Indian Wells Valley in a proclamation that was signed by Capt. Frederic H. M. Kinley (seated at left), Vice Commander, on behalf of Rear Admiral R. G. Freeman III, NWC Commander, and Ted Edwards, Mayor of Ridgecrest. Among representatives of local chapters of professional groups who were present for the proclamation signing were standing (from left) Bill Webster, Institute of Electrical and Electronic Engineers; Bob McCarten, American Institute of Chemical Engineers, and Jim Serpanos, American Institute of Aeronautics and Astronautics.

Police activity remains constant despite decrease in population

Despite the exodus of several hundred families from China Lake to Ridgecrest in the past few years, during 1976 there was still a significant amount of activity requiring involvement of the NWC Safety and Security Department's Police Division.

The summary of activity for 1976 released by the Police Division shows that while crimes of violence (such as rape, robbery and assaults) were 23 per cent below the figures for such offenses in 1975, there was an increase last year of 21 per cent in residential burglaries and thefts from motor vehicles.

In the majority of thefts from autos, stereos and citizen band radio units were stolen from vehicles which their owners had left unlocked. When it came to reports of residential burglaries, the majority of them occurred at homes which, even though locked, were an easy target for thieves because of poorly secured sliding doors and windows.

In the area of drug violations, a 25 per cent decline was noted in 1976 (compared to the previous year), and the most common

offenses were possession of marijuana and pills (illegal substances such as barbiturates or amphetamines).

Also in comparing last year to 1975, it was found that 379 juvenile offenders were picked up by police at China Lake, compared to 385 in 1975, and there was an increase in the number of arrests for vandalism and disorderly conduct, even though there were fewer actual incidents of vandalism — 213 in 1976 compared to 271 in 1975.

During 1976, China Lake police arrested 142 adults, or seven more than the 135 such arrests in 1975. Leading the list of adult violations were 49 drunk drivers and 16 persons for whom arrest warrants had been issued.

On the traffic enforcement side, a total of 4,337 citations were issued in 1976, compared to 3,375 in 1975. The increased use of radar accounted for more citations (2,298) being issued for speeding this past year than in 1975, when 1,324 such citations were written.

The China Lake Police Division intends to vigorously enforce traffic regulations in 1977. Bicyclists will be given particular attention, a spokesman for the law enforcement agency, advised, since a number of complaints have been received from motorists about bike riders (both adults and juveniles) who have ignored traffic laws and created a hazard.

In regard to curfew violations, a total of 54 juveniles were apprehended in 1976 for this offense at China Lake. The Center enforces Kern County Ordinance No. 5590 which sets 10 p.m. as the curfew hour seven nights a week.

The City of Ridgecrest recently revised its curfew ordinance to allow juveniles to be out until midnight on Fridays and Saturdays.

Income tax help available

Lt. Dave Park and LNI Tony Simanowitz, of Air Test and Evaluation Squadron Five and the Naval Weapons Center, respectively, have recently completed training in the preparation of Federal income tax returns which was conducted by the Internal Revenue Service.

Military personnel desiring assistance in the preparation of their state and Federal income tax returns may contact Lt. Park at the VX-5 Legal Office; LNI Simanowitz may be contacted by calling NWC ext. 2165.

Most facilities to be closed on holiday Monday

Most facilities on the Naval Weapons Center will be closed on Monday in observance of the Washington's birthday holiday.

Special Services activities that will be open are the theater, Hall Memorial Lanes, the golf course, gymnasium and indoor pool.

The bowling center (and its snack bar) will conduct business from 11 a.m. to 11 p.m., and the golf course, from 7:30 a.m. to 4 p.m. The Center theater will operate under its regular hours, while the gymnasium will be open from 11 a.m. to 7 p.m. and its indoor pool, from noon until 6 p.m.

Fazio's Market will be the only activity of the Employee Services Board which will not close in observance of the holiday. Its hours will be from 10 a.m. to 7 p.m.

All other business and recreational facilities, including the Navy Exchange stores, Commissary Store and remaining snack bars, will be closed.



AFRO-AMERICAN (BLACK) HISTORY WEEK OBSERVED — This camera's-eye view has captured a sampling of the varied activities which took place here during the week of Feb. 6-12. In the upper row of photos (l.-r.) Dr. T. O. Bartley is discussing "Educational Aspects of Black History Week," Sgt. Callie Edwards refers to a chart during her talk entitled "Cross-Cultural Communication," and Vivian Younger strums the guitar while singing a song during her presentation about "Overcoming Obstacles." Miss Younger, who is blind, was assisted to the front of Community Center's Sidewinder Rm. by Bob Briley, an NWC

employee (seated at left). In the three lower photos, a group of elementary school students are examining a display featuring the works of various black artists that were exhibited during a mini-art festival on Feb. 8, while in the center photo Army Lt. John Zanelli, from Ft. Dix, N.J., holds the attention of the audience as he talks about the kinds of decisions and problems encountered in creating a city of the future. A map of Africa was used as a reference by Grant Williams (in lower right photo) during his lecture on "A History of the Afro-American From Early Africa to Present Day." —Photos by Ron Allen

Black History Week observed at China Lake . . .

(Continued from Page 1)
Inc., of Los Angeles) were exhibited, as were several prints and paintings by Tommy Williams, a local artist.

More than 200 persons took advantage of the opportunity to attend this mini-art festival and to sample southern-style foods that were prepared by Mrs. William James, Mrs. James Lydia, Mrs. Willie Mae Thomas, Mrs. Emanuel Dunn and Diane Taylor. Dishes that have come to be recognized as a part of the black heritage in this country, such as rice gumbo, chittlings, corn bread, "greens," fried chicken and ribs, and potato salad were available.

The Wednesday, Feb. 9, program for Black History Week included, in addition to the award presentation luncheon and talk by Dr. Bartley, an afternoon lecture and discussion on "Cross-Cultural Communication" that was led by Capt. John Zanelli and Sgt. Callie Edwards, two Army race relations specialists from Fort Dix, N.J.

The participants in this informative session found themselves dealing with the kinds of decisions and problems encountered in creating a city of the future.

The finale of the observance of this special week began last Friday morning with a discussion and musical entertainment at the Community Center that was presented by Vivian Younger, a student at San Jose State College, who is preparing herself for a career as a teacher.

"Overcoming Obstacles" was the topic chosen by Miss Younger, who is both blind

Closing out sale at Fedco gas station under way

The Fedco gas station and parts house will close permanently at the end of this month.

Because of this, a sale offering 20 per cent off on such items as air and oil filters, tools, fan belts, battery chargers, car accessories, fuses, light bulbs, and motor oil is going on now and will continue through Fedco's last day of business on Saturday, Feb. 26.

Hours of operation are Monday through Saturday, from 8 a.m. to 8 p.m. for the gas station, and 8 a.m. to 5:30 p.m. for the parts house.

and black. The 100 or so persons who attended this part of the Black History Week observance found themselves caught up in a "happening," as one individual described it.

From the outset, it was reported, members of the group found themselves participating right along with Miss Younger as she led in the singing of songs entitled "Black, White, Red and Yellow," "Making New Friends," and "Peace, Oh River." In addition, she discussed how a blind person is able to teach reading and writing.

Local activities in connection with Afro-American (Black) History Week ended last Friday night with a program entitled "I Am the Darker Brother" that took place at the

Heritage Singers to present gospel music concert Mon.

A gospel music concert by the Heritage Singers U.S.A. will be presented at 7:30 p.m. Monday in the Center theater.

Members of the Heritage Singers, a group of 15 singers and musicians from Placerville, Calif., are directed by Buzz Starett. Now on their third concert tour, they have won international recognition for their unique style of presenting gospel music.

The group's concert tours have covered various parts of the United States and Canada. Its appearance here on Monday night has been arranged by the Indian Wells Valley Gospel Concert Association.

Tickets to Monday night's program will be on sale at the Center theater box office prior to the concert, or can be purchased in advance at the Marantha Book Store, 130 Balsam St., Ridgecrest, or ordered by calling either Larry Bird at 375-7057, or George Lehman, at 375-5026 or 375-7319.

Season tickets, which cost \$8.50 each, are still available and will be honored for Monday night's concert, as well as for programs in April and May by the Blackwood Brothers and the Roger Horn Trio, respectively.

Monday night's concert will be the third in the series sponsored by the Indian Wells Valley Gospel Concert Association.

Covenant United Presbyterian Church in Ridgecrest.

Selected readings from the literary works of black authors were presented. Participants, under the direction of Florence Green, were R. H. Booth, chairman of the committee in charge of the week-long program; Ava McClendon, Nona Celestine, Darrell Eddins and Ken Markel. They read such favorites as "Negro Mother" by Langston Hughes and "The Creation" by James Weldon Johnson.



NEW SOUND OF GOSPEL MUSIC — A concert featuring the Heritage Singers U.S.A. will be presented at 7:30 p.m. Monday in the Center theater. This is the third concert tour for this group of singers and musicians from Placerville, Calif. Arrangements for their appearance here were made by the Indian Wells Valley Gospel Concert Association.

Bluejacket . . .

(Continued from Page 1)
of a solar heating system for the Code 61 swimming pool and installation of television antennas at Laurel Mt.

According to Capt. W. F. Daniel, NWC Public Works Officer, "Confronted at times with material shortages and numerous changes in project scope, Petty Officer Johnson consistently exhibited sound judgement and great diligence in offering alternative solutions, initiating appropriate field changes and substitutions, and coordinating the planning, expediting and sequencing of all construction assigned his crew."

In addition, BU3 Johnson acts as platoon leader and mustering petty officer for the duty section. He is an alternate on the Enlisted Recreation Committee, a graduate of the local career counselor school, and acts as division career counselor. Last month, he deployed with Reserve Mobile Construction Battalion 17 on a military exercise to 29 Palms.

"I sure do like the work I'm doing and I plan to stay in the Navy for a career," says January's Bluejacket, who originally enlisted in 1973 for a chance to join the Seabees. Now that he's in, he can't say enough about "the great benefits — medical, pay and retirement, and the chance to learn a trade. I'll also be able to see some of the world."

After attending boot camp in San Diego and "A" school at Port Hueneme, BU3 Johnson arrived at China Lake in September 1975, and has decided that he loves the desert because of "the roughness of it." A bachelor, he enjoys playing racketball, going bowling and nature photography.

Dinner set in Bishop by local branch of ASCE

A dinner meeting of the Desert Area Branch of the American Society of Civil Engineers (ASCE) has been scheduled on Friday, Feb. 25, at the Ponderosa Lanes in Bishop.

Guest speaker on this occasion, which has been timed to coincide with the annual observance of National Engineers Week (Feb. 20-26), will be Donald Wright, a registered engineer, who is executive secretary of the board of registration for professional engineers.

Tickets for the dinner, priced at \$5 each, can be obtained by contacting John Cox, phone NWC ext. 3538.

Happenings around NWC

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death this past week of Clarence Walden.

The deceased, a former Code 70442 employee, was 74 years old at the time of his death on Feb. 7 in Fort Smith, Ark.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 389.

Mason also urged GEBA and CLMAS members check to make sure up-to-date information regarding their beneficiaries is on file. He can be contacted after working hours by calling 446-4794.

Visitor From Postgrad School
T. F. Tao, from the Naval Postgraduate School, will be available to discuss the school's electrical engineering program with interested NWC employees next Thursday and Friday, Feb. 24-25, at the Training Center.

Employees are reminded that the deadline for applications to attend the Naval Postgraduate School's Fall 1977 term is March 1.

Persons interested in discussing the electrical engineering program with Tao or needing further information on application procedures for long-term training should contact Terry Mitchell, NWC ext. 2648.

Navy Uniforms in New Shop
All Navy uniform items with the exception of Seafare brand dungarees have been moved from the China Lake Navy Exchange Men's Store to the recently-opened Uniform Shop.

This new shop, which has undergone extensive remodeling, is located in the second hut in back (north) of the China Lake Police Station. Its hours of operation are 11 a.m. to 1 p.m. on weekdays, except on paydays, when it is open from 10 a.m. to 5:30 p.m.

Air Coolers Being Serviced
An additional reminder on the servicing of evaporative air coolers that is currently under way was issued this week by the Public Works Department.

In preparation for the summer months, craftsmen of Code 26 are in the midst of carrying out this annual task.

Servicing the coolers requires entry into all homes so that the thermostats can be checked. Permission to enter will be assumed unless other arrangements are made by calling NWC ext. 2642.

Inventory To Be Conducted
The Intelligence Library, located in Rm. 1528 of Michelson Lab, will be closed in the mornings during the period beginning Feb. 22 and ending March 7.

Afternoon hours will remain the same as always, from 12:30 to 4:30 p.m. weekdays. This temporary change in hours is necessary so that the library can conduct its bi-annual inventory.

Membership Night at COM
The Commissioned Officers' Mess will hold its monthly Membership Night this evening.

Chico Arnez and the Chicklettes, a 16-piece orchestra direct from Las Vegas, will be providing contemporary vocal and instrumental music entertainment from 9 until 1.

Baron of beef will be the dinner special. Service begins at 6 p.m.

Opportunities . . .
(Continued from Page 2)

File applications for the above with Terry Rowell, Bldg. 34, Rm. 210, Ph. 2271.

Supervisory Research Chemist, GS-1220-15, PD No. 7438041, Code 385 — This position is head of the Chemistry Division in the Research Department and is NWC's senior chemist. Through technical and administrative direction of the division, the incumbent is responsible for providing support to NWC programs which may encounter chemical problems. Basic areas of the division research program are propellants, explosives, thermodynamics, polymers, optical materials and electrochemistry. Job Relevant Criteria: Demonstrated ability to supervise scientific research programs; demonstrated ability to interface research efforts with development efforts; significant research experience with propellants, explosives, thermodynamics, polymers of optical materials and electrochemistry; PhD or equivalent in chemistry or chemical engineering; familiarity with DoD and Navy research programs and policies; demonstrated understanding of basic research problems of Navy weaponry. Promotion potential to GS-16 contingent upon grade and classification restrictions.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

Housing Project Assistant, GS-1173-5/7, PD No. 7479014, Code 2451 — Duties include field management, pre-occupancy and termination inspections, resolving of tenant complaints, maintenance, upkeep and repair, liaison with tenants, and preparation of housing reports. Job Relevant Criteria: Must be able to deal effectively with a variety of people; knowledge of maintenance principles and standards, familiarity with and experience in housing management.

File applications for the above with Ginger Hamaty, Bldg. 34, Rm. 212, Ph. 2032.

Motor Vehicle Operator Foreman, WS-5703-8, JD No. 7479014E, Code 24722 — This is an amendment to the ad which appeared in the Feb. 11, 1977, issue of the ROCKETEER. File SF-172 and supplemental wage grade supervisory information sheet with Code 097 to be received or postmarked not later than Feb. 28, 1977.

File applications for the above with Tins Lowe, Bldg. 34, Rm. 206, Ph. 2676.

JOB OPPORTUNITY
Superintendent of Golf Course and Grounds, UA-1601-9, (\$14,997 per annum) — This is not a Civil Service job. Incumbent is responsible for the maintenance and upkeep of the NWC golf course and athletic fields. Duties include maintenance of greens, tees, fairways, roughs, traps, trees and driving range. Desirable Qualifications: Experience in training employees, in maintenance and operation of equipment used on the course, in the preparation of annual budget and maintenance plan, and in supervision; must have a bachelor's degree or equivalent in the botanical sciences.

File applications for the above with Tins Lowe, Bldg. 34, Rm. 206, Ph. 2676.



BRIEFING GIVEN — Canadian Air Force Brig. Gen. R. R. Barber (at left), Chief of Staff, Operations Air Command, is presented a Naval Weapons Center plaque by Rear Admiral R. G. Freeman III, NWC Commander, during his recent visit here. Brig. Gen. Barber accompanied a group of 30 officers who are attending the Canadian Forces Aerospace Systems Course, and who, as part of their instruction, are visiting numerous installations in the U.S. They were briefed on test and evaluation capabilities and facilities at NWC, electro-optical developments, microelectronics and warhead technology, propellant development, penetration models and program management. —Photo by Ron Allen

Dr. Elliott honored for many contributions . . .

(Continued from Page 1)
This report has been subjected to careful and critical scrutiny by many officials in other government agencies and has been found to be quite sound. It formed the basis for continued work in Southeast Asia to interdict the lines of communications by the first recorded use of weather modification for tactical military purposes.

Following this, Dr. Elliott served on a special panel for the State Department in negotiating rainfall augmentation efforts for the subcontinent of India. In this role he met and negotiated with important representatives of the Indian Government and with members of the President's Science Advisory Group, and also with members of the State Department and the United States Embassy in India.

Directed Two Large Projects
Upon his return to the United States, he was placed in charge of two large projects. One was the cloud seeding effort called the "Santa Barbara Project." This was directed by Dr. Elliott and performed by the North American Weather Consultants Co. of Santa Barbara. It was eminently successful and rigorously proved that rainfall could be enhanced from winter storms in California in a systematic way and could be targeted where desired. Rainfall increases of factors of two over thousands of square miles were accomplished.

The other project was a cooperative effort between the University of California at Fresno and the Bureau of Reclamation of the Department of the Interior. This project proved conclusively that targeting of snowfall in the Sierra Nevada could be accomplished with safety and reliability.

Involved in Project STORMFURY
For many years (beginning in 1964), Dr. Elliott served as NOTS and later NWC liaison agent on Project STORMFURY, an effort to ameliorate hurricanes that was carried out by the Department of Commerce, the United States Air Force and the United States Navy. He supervised production of ammunition for the project, saw to it that it was delivered on time to the proper places, that personnel were on the scene to load the seeding aircraft and personally accompanied many seeding flights to learn more about hurricanes and to try innovative approaches to the problem. He has been repeatedly lauded by the project director for his efforts in this massive operation.

In 1969, Dr. Elliott accompanied the NWC party to the Philippines on Project GROMET II. He served as associate project director and was placed in charge of seeding operations in one of the two project aircraft. During the course of the operation a bomb was detonated in the aircraft in which he was working. Undaunted, he

continued flying with the other aircraft, and finished out the project. He contributed immeasurably to the success of this mission.

In 1971, he took command of Project GROMET III, an operation conducted in the Azores at the request of the Portuguese Government. This operation had as its objective the alleviation of a severe drought in those islands. He successfully used Navy resources, trained the crews and conducted the operation for a period of about a month.

Using a resident anti-submarine patrol squadron, training the crews and accompanying them on all missions, he succeeded in causing rain to fall in adequate abundance on each of the tiny islands to alleviate the drought and assure the Azoreans of crops.

Severe Targeting Problem
The targeting problem in this instance was especially severe, owing to the small size of the islands, but by working clouds at sea, determining their trajectory and selecting those that would hit islands, he was able to accomplish the intended purpose.

About two years before the Arab oil embargo became a reality, Dr. Elliott recognized the opportunities in developing alternate energy sources to supplement the nation's dwindling petroleum supply. He

began strenuous efforts to raise the general level of consciousness towards this problem and began to involve himself in a number of projects intended to relieve the energy problems of the Navy. In this connection his services have been used for protracted periods by the National Science Foundation, the Energy Development and Resources Administration and the Office of Naval Research.

Dr. Elliott's services as consultant to many government agencies have been sought on many occasions. In addition to performing his regular duties in an outstanding fashion, he has responded to these requests; not the least of which was one from the Office of Naval Research where he served for a period of months helping organize the atmospheric research program.

In his letter to the Commander, NWC, recommending this award for Dr. Elliott, his supervisor, Dr. Pierre St-Amant, stated: "I, personally, feel that his contributions to the Center's scientific work, to some of its military efforts, to the general intellectual tone of the establishment, and to the quality of Navy science has placed him in the forefront of those who have dedicated their talents to helping the country by helping the Navy."



WORTHY CAUSE — At a recent ceremony in his office, Rear Admiral R. G. Freeman III, NWC Commander (at right), made his donation to the Seabee Memorial Scholarship Fund to BU3 Marvin W. Johnson, of the Public Works Department's Self-Help Project Branch. This nationwide scholarship fund was established to provide for the education of dependents of deceased, retired and active duty Seabee personnel. The fund drive, which began Feb. 3, will continue through Saturday, March 12, the date of this year's Seabee Ball. This traditional dinner/dance will be held from 6:30 p.m. until 1 a.m. at the Chief Petty Officers' Club, and will feature a number of award presentations, including that for Seabee of the Year. —Photo by Ron Allen