

Death Valley Encampment Opens Nov. 7

The 25th annual Death Valley Encampment will get under way next Thursday, Nov. 7, and continue through Sunday, Nov. 10, at the National Monument.

Visitors to the encampment are urged to make reservations if they plan to stay overnight. Some of the trailer and camping spaces are reserved a year in advance.

In addition, ample wood for campfires should be brought in by campers, since wood is not available except at stores in Death Valley. Because the desert nights are cool at this time of the year, warm clothing should be taken.

Visitors also are reminded to bring their own folding chairs or camp stools if they plan to witness the numerous special events that will be on the agenda during this silver anniversary observance of the Death Valley Encampment.

This annual event is sponsored by the Death Valley '49ers, a non-profit organization that works with the National Park Service to protect the Death Valley area.

One of the new events this year will be a Death Valley hike, led by Betty Tucker, the first woman to hike alone across Death Valley from Ubehebe Crater to Saratoga Springs. Participants in this event will leave from the Furnace Creek Ranch at 7:30 a.m. on Nov. 7 bound for Stovepipe Wells Village. They are due to reach their destination at around 1:30 p.m. the next day.

Other Activities Planned

Many other special events have been lined up for the four-day fete. Among them are a Hootenany breakfast to be held at 8 a.m. on Friday, Nov. 8, at the Furnace Creek Golf Course; a Photographers' breakfast at 8 a.m. at Stovepipe Wells, and an Artists' breakfast at the same time at the Furnace Creek golf course. These last two early morning affairs are scheduled on Saturday, Nov. 9.

Also on Saturday morning, starting at 10 o'clock, there will be a conducted tour of the central part of Death Valley, led by Dr. Thomas Clements, author of a book entitled "Geological Story of Death Valley."

The Tombstone Players, a group of players right out of the Old West, will entertain at 11 a.m. Saturday at Stovepipe Wells Village as a prelude to a chuck wagon lunch at this same location, which will then be the site for another feature event, the Burro Flapjack Sweepstakes, starting a 2 p.m.

Dancing Under the Stars

On Thursday and Friday during the Death Valley Encampment, evenings will be taken up with square dancing and modern social dancing under the stars at Stovepipe Wells Village, but on Saturday night the scene of activity will switch to the Furnace Creek Ranch for an evening assembly that will include an old-fashioned fiddlers' contest and a color film slide show that will be presented by Robert Leatherman, a famous nature photographer.

Conducted tours to various points of interest also are planned on each day of the encampment, and an invitational desert art show will be open daily at the Death Valley Museum and Visitors' Center.

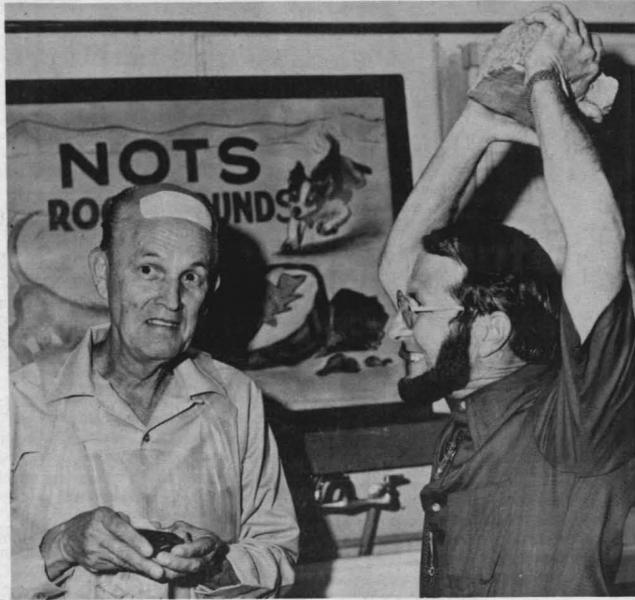
Military Rodeo Set At Imperial Beach Over This Weekend

The second annual San Diego Military Rodeo will be staged tomorrow and Sunday at the Naval Air Station, Imperial Beach.

For two days, visitors will see military contestants as cowboys performing such feats of derring-do as bull riding, saddle bronc riding, bareback, team roping, steer wrestling, calf roping and barrel racing.

Persons who attend will probably want to take in the western dance tomorrow night at 8 o'clock at the VFW Hall 3rd and "F" Sts., in Chula Vista, just outside of San Diego.

The rodeo itself will be held from 9 a.m. to 4 p.m. both days.



OH YES YOU WILL! — Dick Fulmer (r.), publicity chairman for the annual show of the IWV Gem and Mineral Society, set for tomorrow and Sunday at the Community Center, attempts to convince Rev. Norvell Pickett that he should build a show case to display his gems. Rev. Pickett is a new member of the club and will have some of his handiwork on display in one of the more than 60 display cases open to public viewing. Visitors will see all manner of artifacts, jewelry, rocks, fossils, gems and minerals at the show, which will be open from 10 a.m. to 10 p.m. tomorrow and from 10 a.m. to 6 p.m. on Sunday. Admission is free. Also available to visitors will be movies, field trips, and items for sale, including geodes, which will be cut in the patio area of the Community Center. —Photo by Ron Allen

1974 Gem, Mineral Society Show Set Nov. 2-3 at Community Center

Local residents will be able to view the handiwork of members of the IWV Gem and Mineral Society at the group's 18th annual show on Saturday and Sunday.

The China Lake Community Center, site of this yearly huge event, will sparkle enough to dazzle the eyes of visitors as more than 60 cases of gems, minerals, fossils and Indian artifacts will be on display.

Times of the exhibit will be from 10 a.m. to 10 p.m. on Saturday, and from 10 a.m. to 6 p.m. on Sunday. There is no admission charge.

Field trips have been arranged for both Saturday and Sunday. On Saturday, interested persons will be taken to Chip Hill where they can dig for onyx and moss agate. A second trip on that day will be to the club's gemstone claim at Rainbow Ledge to collect the colorful jasp-agate for which the deposit is famous.

Only one trip is scheduled — to the Chip Hill locale.

Motion pictures will be presented



PURCHASES FIRST TICKET — Patti Englehardt, vice-president of the Miss Ridgecrest-China Lake Pageant Association, and Jean McQueen (r.), visited RAdm. R. G. Freeman III, NWC Commander, recently to sell him the first ticket to the upcoming pageant. The show, from which a young, talented girl from this area will be selected to represent the twin communities at the Miss California contest next year, will be held on Nov. 9 in the Center Theater. Eleven contestants will vie for the honor. Tickets, priced at \$2.50 for general admission, are on sale at the Gift Mart in Ridgecrest, as well as at the Station Pharmacy. The girl selected for the title will receive \$1,100 in scholarships, while the runner-up will get \$500 in scholarships. The entry selected as 2nd runner-up will receive \$300, 3rd runner-up \$250, and \$150 will go to the 4th runner-up. —Photo by Ron Allen

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.
Matinee—1 p.m.

FRI. 1 NOV.

"ARNOLD" (95 Min.)
Stella Stevens, Roddy McDowall
(Horror Comedy) Norman Stuart is dead, leaving his widow Shani Wallis, mistress Stella Stevens (and their lovers) to dispute the will and gain custody of the deceased's body. Only sister Elsa Lancheater seems content. (PG)

SAT. 2 NOV.

FAMILY MATINEE—
"SPARTACUS" (183 Min.)
Kirk Douglas, Jean Simmons (G)
—EVENING—
"NICHOLAS AND ALEXANDRA" (172 Min.)
Michael Jayston, Janet Suzman
(Historical Drama) The events which brought about the Russian Revolution form the background for the story of Czar Nicholas II, his failings as a monarch and the great love he had for his German-born wife, Empress Alexandra. (PG)

SUN.-MON. 3-4 NOV.

"PAUL AND MICHELLE"
Anicee Alvina, Sean Bury
(Drama) A sequel to "Friends" (1971), in which Paul graduates from school and tells his father he's going to find sweetheart Michelle. Paul locates her and meets his three year old daughter for the first time. Michelle has been living with older Keir Duella, an American. The lovers return to their first home in the Camargue, and Michelle decides to forsake Duella. Paul enrolls at the Sorbonne, becomes involved in a student riot and makes a home for Michelle and Sara. (R)

TUES.-WED. 5-6 NOV.

"THE CONVERSATION" (114 Min.)
Gene Hackman, Allen Garfield
(Drama) In San Francisco, Gene Hackman records a conversation between Fred and Cindy Williams, a young couple in the park. Hackman is a professional eavesdropper who guards his own privacy against everyone, even his mistress. (PG)

THURS.-FRI. 7-8 NOV.

"THREE TOUGH GUYS" (92 Min.)
Lino Ventura, Fred Williamson
(Drama) Insurance investigator Mario Ergichini makes contact with Thurman Scott, in hope of recovering \$1 million robbed from a bank. Both Scott and Ergichini are murdered. The latter's widow then enlists the aid of priest Lino Ventura. A tough former convict, Ventura is nearly killed during the course of his sleuthing. He is saved from death in a foundry furnace by ex-police Capt. Isaac Hays. (PG)

First Aid Lecture Offered for Women

Norman, the Mormon Corpsman, better known as HM1 Norman Fertig, will present his celebrated lecture, "What To Do Until the Ambulance Comes," for all women in the community next Friday, Nov. 8, at the Community Center.

The lecture, which begins at 3 p.m., will point out the easy, practical steps that women should take in all kinds of medical emergencies that might confront them at home or work.

Reservations are not needed.

Return Questionnaires To COM by Wednesday

The questionnaires mailed recently to members of the Commissioned Officers' Mess asking for an evaluation of the club's services and facilities, should be returned to the COM no later than the end of the work day on Wednesday, Nov. 6.

From: _____ PLACE STAMP HERE

To: _____

nwc rocketeer

Naval Weapons Center
China Lake
California

Vol. XXIX No. 43

Deputy Sec. of Defense Clements Visits Center Concentrated Briefing Conducted On NWC's Varied R&D Programs



SPECIAL AIRCRAFT INSPECTED — An OV 10 Bronco, equipped as a night observation gunship, holds the interest of a trio of distinguished visitors headed by the Honorable W. P. Clements, Jr., Deputy Secretary of Defense, who paid a short visit to the Naval Weapons Center on Oct. 23. Listening to RAdm. R. G. Freeman III, NWC Commander, as he described the singular capabilities of this night fighting aircraft is Tom Reed (second from left), director of telecommunications for the Deputy Secretary of Defense. The Honorable Mr. Clements is standing next to Reed, while at the right is Rear Admiral Kenneth M. Carr, military assistant to the Deputy Sec / Def. At left is Werner Hueber, head of the Weapons Development Department's Infrared Systems Division. —Photo by Bill Fettkether

RAdm. Freeman Outlines Rationale Of Reorganization Study at NWC

Information regarding an evaluation of the Naval Weapons Center's operations and organization (which began in mid-year) was outlined during welcoming remarks presented by Rear Admiral R. G. Freeman III, NWC Commander, at the time of last week's visit by the Honorable W. P. Clements, Jr., Deputy Secretary of Defense.

The study he had reference to, RAdm. Freeman said, was carried out by himself as NWC Commander, Dr. G. L. Hollingsworth, Technical Director, and Capt. R. D. Franke, Deputy Commander, in an effort to insure that NWC is meeting the needs of current and future Navy requirements. Also looked at was the impact of any joint service programs that are undertaken here.

This review, RAdm. Freeman told the Deputy Secretary of Defense, led to the following conclusions:

(1) A closer and better exchange with the Fleet was required.

(2) At least 60 per cent of the Center's effort should be directed at solving today's problems, while the remaining 40 per cent should be directed to long range problems.

Michelson Awards To Be Presented Nov. 7

The Michelson Laboratories awards will be presented next Thursday, Nov. 7, during a no-host reception in honor of the NWC Ad Hoc Advisory Group.

The reception will begin at 6:30 p.m. in the Mojave Rm. of the Commissioned Officers' Mess. Presentation of the awards will take place at 7 p.m., with dinner to follow.

The awards were designed to recognize outstanding individual administrative and professional excellence or technical excellence, based on singular effort in performance of individual duties. The awards are complementary to the Center's highest local award—the L.T.E. Thompson Award.

A 4-hour briefing and tour of the Naval Weapons Center was arranged on Wednesday afternoon of last week for the Honorable W. P. Clements, Jr., Deputy Secretary of Defense, and his party from Washington, D.C.

The Honorable Mr. Clements, who came to California for a speaking engagement in Los Angeles, took advantage of the opportunity to include a short stopover at China Lake in order to obtain firsthand information about the wide variety of research and development activities being carried out at the Naval Weapons Center, and the facilities that are available here for this purpose.

The Deputy Secretary of Defense was accompanied by Rear Admiral Kenneth M. Carr, his military assistant; Julian Levine, his assistant press secretary, and Tom Reed, director of telecommunications.

Within the confines of Michelson Lab, the visitors met Dr. H. W. Hunter, head of the Research Department, who took them to the Chemistry Division. There they heard from Dr. Hunter about work in the field of chemiluminescence that has been under way for the past 8 to 10 years under the direction of Dr. Carl Heller and Dr. Aaron Fletcher.

Big Improvement Made
The Deputy Secretary of Defense was shown the vast difference in the degree of illumination that it is possible to achieve using chemiluminescent devices (chemical light sticks) that are available today, as compared to those that were the first results of research and development work in this field.

The distinguished visitors were met by Rear Admiral R. G. Freeman III, NWC Commander, and Dr. G. L. Hollingsworth, Technical Director, when their plane touched down at noon at the Naval Air Facility.

The Management Center in Michelson Laboratory was the first stop for the Deputy Secretary of Defense and his party. They were there just long enough for introductory remarks by RAdm. Freeman, who prepared them for the concentrated series of presentations and demonstrations that

(Continued on Page 4)

Community Council Board of Directors To Be Elected Tues.

The 1974 election of members to serve two-year terms on the board of directors of the China Lake Community Council will take place on Tuesday—the same day as the General Election that will decide a number of county and state office holders.

China Lake Community Council ballot boxes will be located near the regular polling places for the Nov. 5 General Election. Any China Lake resident who is 18 years of age or older is eligible to cast a ballot in the Community Council election—whether or not he or she is registered to vote in the nationwide General Election.

Those who serve on the Community Council's board of directors carry out a number of important functions that affect Naval Weapons Center employees and residents of Indian Wells Valley. These include:

Providing one member on the two-man policy board.

Sending two members to the three-member NWC hearing board.

Holding title to and administering the television and FM radio repeater stations that bring in television and radio programs from outside the local area.

Candidates from the various Community Council precincts who are seeking election in next Tuesday's election are: Precincts 1 and 2—Robert Fletcher and Daniel Baker; Precincts 3 and 7—Rudy Shepard and Aletha Benson; Precincts 4 and 8—Don Stanton and Wilton Wyman; Precincts 5 and 6—Richard Wolf and Lovic Thomas; Precinct 9—Gary Beale; and Pat Leopard and Richard Mahan, who are vying for the lone director-at-large seat.

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DISTINGUISHED VISITORS WELCOMED — Rear Admiral R. G. Freeman III (in background at left), NWC Commander, and Dr. G. L. Hollingsworth, Technical Director, were on hand to welcome the Honorable W. P. Clements, Jr., Deputy Secretary of Defense, and his party when their aircraft touched down on Wednesday of last week at the Naval Air Facility. The Deputy Secretary of Defense (in center) was accompanied by Tom Reed (on left), his director of telecommunications. Getting off the plane behind the Honorable Mr. Clements are his military assistant, Rear Admiral Kenneth M. Carr and (partially hidden) Julian Levine, the assistant press secretary for the Deputy Secretary of Defense.



CATHOLIC YOUTH HONORED — Mark Barglowski, son of Mr. and Mrs. Leo Barglowski, was the recent recipient of the highest Catholic religious award offered by the Boy Scouts of America. The Ad Altare Dei (altar of God) award was presented by LCDr. Aquinas J. Smith (at left), Catholic Chaplain, and pinned onto the youth's Scout uniform by John Shearer, Scoutmaster of Troop 35. Looking on in background are the proud parents. To be eligible for the Ad Altare Dei award, young Barglowski had to carry out a combination of Scout work, Bible study, acts of charity and witnessing from the time he became a Tenderfoot Scout up until the present when he holds the rank of Star Scout and is Troop 35's patrol leader. Young Barglowski, a freshman at Burroughs High School, is a member of the Burros cross country team. —Photo by Ron Allen

Annual Death Valley Trail Ride To Begin Sunday

A caravan of more than 70 horsemen, with supplies and equipment, will leave the Desert Empire Fairgrounds in Ridgecrest at 7:30 a.m. Sunday bound for the Furnace Creek Ranch in Death Valley, where its members will join in festivities scheduled during the silver anniversary of the Death Valley Encampment, Nov. 7-10.

The riders, who will travel as far as the Pinnacles on the first day of their trek, are scheduled to reach their destination at 1:30 p.m. next Friday, Nov. 8.

For the 11th year in a row, participants in the 125-mile Death Valley Trail Ride, will be led by Dell Schmitz, trail boss, and his wife, Garnet, who is a secretary in the Naval Weapons Center's Central Staff.

The Death Valley Trail Ride began in 1962, and was led for its first two years by Capt. Charles Blenman, USN (Ret.), a former Commander of the Naval Ordnance Test Station (now NWC). Participation in this annual event has grown from approximately 20 riders the first year to last year's high of 95.

In addition to the horsemen, the caravan includes a volunteer crew of some 20 helpers, who drive the hay and water trucks, prepare the meals, and set up camp each evening.

Without the volunteer help of many persons, including members of the Equestrian Trails, Inc., the Death Valley '49ers, and the Valley Riders, as well as support of the Kerr-McGee Chemical Corp. in Trona, a ride of such magnitude would be impossible, the trail boss stated.

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 452, Ext. 2069. 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 454 or 457). 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.

Clerk-Typist, GS-322-3/4, PD No. 7345095, Code 4514 — This position is located in the Applied Analysis Branch, Advanced Technology Division, Propulsion Development Department. The incumbent serves as secretary to the branch, types technical reports, arranges the reports in the proper format, performs minor editing for grammar, screens telephone calls, maintains files. Job Relevant Criteria: Experience in providing a range of clerical and secretarial duties, including typing and filing. Proficiency in the use of IBM Magnetic Electric typewriter. Ability to work with other people. File applications for the above with Mary Morrison, Code 457, Rm. 210, Ph. 2392. Supervisory Technical Publications Writer / Editor (PS&E), GS-1062-11/12, PD No. 735008 Aml, Code 5312 — This position is located in the Technical Publications Branch, Publishing Division, Technical Information Department. The incumbent is head of the Field Services Unit in Code 51 and is responsible for the planning, implementation and management of the Technical Communication Program of Code 51. This program includes formal technical publications on the Center's research, development, test, and evaluation projects assigned to Code 51; informal reports and program documentation such as proposed technical approaches, technical development plans, and similar reporting; and a large volume of audio-visual presentations, involving scripts, slides, vugraphs, and other visual aids. Job Relevant Criteria: Experience in the collection, correlation, evaluation and presentation of technical engineering and scientific data. Ability to establish productive working relationships with a wide variety of Center personnel. Ability to advise authors / reviewers, scientists / engineers and management on matters of format, style, and regulations on documentation requirements. Supervisory Librarian Technician, GS-1411-4, PD No. 7433446, Code 5331 — This position is located in the Reference and Circulation Branch, Technical Library Division, Technical Information Department. The incumbent is supervisor of the Circulation Services. Responsible for planning, assigning and supervising the daily work of circulation assistants. This includes detailed training of new clerical / library technicians in the specialized services. Explains specific uses of circulation services; answers reference questions. Job Relevant Criteria: Thorough knowledge of the circulation function in the Technical Library. Ability to deal effectively, courteously, and tactfully with people of all levels. Ability to perform duties independently. Advancement Potential: GS-7. File applications for the above with June Adams, Bldg. 24, Rm. 208, Ph. 2377. Accounts Maintenance Clerk, GS 520.3/4 Accounting Technician, GS 535.5, PD No. 7417051, Code 1742 — Receives and processes purchase documents. Validates outstanding vouchers and outstanding accounts payable for assigned segments of accounts. Job Relevant Criteria: Knowledge of accounting clerical methods and procedures; ability to meet deadlines under pressure; ability to get along with others in work group; ability to work rapidly and accurately. Model Maker, WG-074-14, ID No. 403, Code 3131, (2 vacancies) — The incumbent, working under general guidelines given by engineers, machines, fits, and assembles complete prototype assemblies or major assembly components for project equipment systems. Also will weld, heat treat metal, perform sheetmetal work as work assignments require. Budget Analyst, GS 540-7/9, PD No. 7417852, Code 173, (2 vacancies) — The purpose of this position is to provide financial management services for one of NWC's technical departments. The incumbent will assist the technical department with the coordination of funds' acceptance, allocation, budget preparation, analysis and review of expenditures, and reports preparation. Specific areas of work include preparation and adjustment of direct and overhead budget documents, ADP reports interpretation and investigation, execution of department expenditure control policies. Job Relevant Criteria: A knowledge of financial management principles and analytical ability to provide financial management, a background in budgetary and accounting procedures, and a complete understanding of fiscal reports and task assignment structure in Department of the Navy and the Center. Advancement Potential: GS-12. File applications for the above with Tina Lowe, Bldg. 24, Rm. 206, Ph. 2723. Clerk (Typing), GS-301-2/3, WAE-PD No. 7484015, Code 841 — This position is located in the Security Operations Division of the Security Department. Incumbent provides clerical assistance to the Security Operations Division. Duties include answering telephone, receiving the public and typing badges, issuing casual passes, issuing vehicle decals, miscellaneous typing and filing, and providing information and directions to the public. Job Relevant Criteria: Must be able to work under pressure, deal tactfully and courteously with the public. Must be able to type and have the ability to understand and carry out written instructions. Hours of work: The incumbent will normally work from 0730 to 1630, Monday through Friday, on an irregular schedule. Clerk-Typist, GS-322-3/4, PD No. 7240181, Code 40504 — This position is located in the Night Attack Systems

(Continued on Page 7)



VISITORS VIEW FLIGHT TABLE — One of the many interesting things pointed out to members of the Frequency Management Gp. of the Range Commanders' Council during their recent visit to China Lake was the Carco flight table in the Simulation Laboratory of the Aeromechanics Division, Weapons Development Department. Ray Van Aken (2nd from left), division head, explains the workings of the table to the visitors, who also inspected the Center's computer equipment and toured other facilities while here. —Photo by PH2 Dan Yeatts

Former CNO Schedules Lecture At College on 'Humanizing Navy'

Elmo R. Zumwalt, Adm. USN, Ret., former Chief of Naval Operations, will visit the Indian Wells Valley next Thursday, Nov. 7, at the Cerro Coso Community College Lecture Center, beginning at 8 p.m. Admission is \$2 per person.

Admiral Zumwalt's topic will be "Humanizing the Navy," a subject for which the ex-CNO will be everlastingly famous. During his tour of duty in that august office, Admiral Zumwalt was called "The Big Z," and he reached an element of fame for his "Z-Grams," and the formation of what he called "People Programs."

"Z-Grams" were orders in crisp, unstilted language that showed his determination to scuttle those customs and traditions that no longer seemed to have a point. As an example of his "people programs," Admiral

and re-enlistment rates in the Navy—a good barometer of Navy morale.

Zumwalt also felt strongly that racial integration of the Navy was "a challenge so absolutely important and right that it just had to be waded into." As a result of his beliefs, the number of black officers and enlisted men has doubled since 1970, when he became CNO.

When the CNO retired on June 30, 1974, he turned down a White House offer to head the embattled Veterans' Administration.

The former CNO is the son of Dr. E. R. Zumwalt, now deceased, who was the Industrial Medical Officer at China Lake for nine years. His mother also was a physician.

College Placement Exams To Be Given Sat. at Cerro Coso

Placement examinations for prospective students at Cerro Coso College or Bakersfield College have been scheduled tomorrow at the college lecture center.

The exams that will be offered provide a measure of the student's achievement and ability in English, general aptitude for college, and mathematics.

Results of the exams will be used by college counselors to assist students to enroll in appropriate classes, but will not be used to deny any student admission at either Cerro Coso or Bakersfield College.

Students interested in taking the placement exams are asked to report to the Cerro College lecture center by 8 a.m. Saturday, equipped with a ball point pen. The schedule calls for administering the college aptitude test at 8:30 a.m., the English placement test beginning at 9:15 a.m., and, following a 20-min. break, the math placement test will begin at 10:45 a.m. and students will have no later than noon to complete it.

Training Course On HelpLine Service Planned by College

A training course for persons interested in working with Help Line's telephone crisis intervention service has been scheduled by Cerro Coso Community College.

Entitled Public Service 70: Help Line, the course will begin on Nov. 7 and will meet on Thursdays from 7 to 9 p.m. at Burroughs High School.

Registration is currently under way at Cerro Coso. Further information may be obtained by calling 375-5001, or Help Line, 446-5531, between 6 p.m. and midnight.



Elmo R. Zumwalt, Jr. Admiral, USN, Ret.

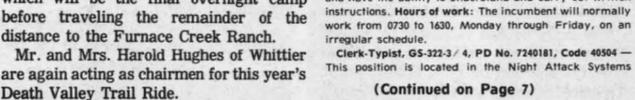
Zumwalt once made a private deal with the Pentagon to take \$20 million out of his budget if the Defense Department would match that and use the combined \$40 million to build new housing units for Navy families.

The youngest Naval officer ever promoted to flag rank (at age 44), and, at age 49, the youngest to ever serve as CNO, Admiral Zumwalt saw vindication for his controversial reforms in the rising enlistment

Visit to China Lake Slated By Social Security Agent

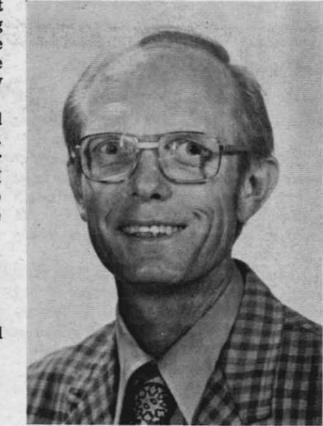
A representative of the Social Security office in Lancaster will pay another of her regular series of monthly visits to China Lake next Wednesday, Nov. 6.

Persons wishing to apply for a Social Security number or obtain information about seeking Social Security benefits can do so at the Community Center between 8:30 and 11 a.m.



BUNDLES OF JOY — Twin babies—a boy and a girl—were born on Oct. 18 at the Naval Weapons Center Dispensary to Kerry Kitchem, an air controlman airman assigned to duty at the Naval Air Facility tower, and his wife, Kumiko. The infants, named Shawn Michael and Kathleen Renae, weighed 5.13 and 5.5 lb., respectively, at the time of their birth shortly after 8:40 a.m. ACAN and Mrs. Kitchem have one other child, a 15-month-old daughter named Kumido. The newborns are the first twins to be born at the NWC Dispensary in the past 15 months. —Photo by Ron Allen

Employee In The Spotlight



William P. Mayne

Although he was born in Harlan, Iowa, it didn't take William P. Mayne's family long to move to California. "We came here during the Depression. Perhaps that was the reason, for there are certainly a great many Iowans in this state," Bill smiled.

He grew up in Southern California and was graduated from Compton High School. After attending Compton Junior College for two years, Bill joined the U.S. Air Force. "I spent two tours in foreign countries — two years in Texas and two years in Japan," he joked.

Bill really loved Japan. "It was the perfect place for a photography buff," he said. He has a tremendous selection of color slides that he took while in Japan and frequently shows them to elementary school students, narrating the photos as he tells the children something about Japan.

After his honorable discharge in 1955, Bill returned to Compton JC for a year and then spent the final two years of college at UCLA, receiving a bachelor's degree in electronic engineering.

Began Work With Shrike

He came to China Lake in June 1958 and began work with the Shrike program under Jack Russell and Dick Carlisle. "Although I worked with various groups within the program, I stayed with Shrike for a little better than 10 years," Bill pointed out. Bill worked through several versions of the missile, but his biggest thrill was delivering the first batch of Shrikes to the Fleet. "Jerry Schiefer and I got to take them out. That was quite an honor," Bill said.

Around 1965, Bill became manager of the Shrike Target Identification and Acquisition System, and he was also made head of the Special Projects Branch along about the same time. That branch later evolved into the Avionics Branch of the Weapons Development Department.

The final two years that Bill was with Shrike he was kept busy trying to sell the HARM program.

In 1971 he was transferred into the HARM program office and became the weapon system project engineer. Late in 1973 he was transferred to his present job.

Bill has been one of the recipients of a number of group achievement awards, and

he has received a few Superior Accomplishment awards, a QSI, and many letters of commendation. He holds one patent — for part of a Shrike guidance receiver.

Bill and his wife, Evelyn, have two daughters. They are Kim, 17, a senior at Burroughs High School, and Cindy, who is an eighth grader at James Monroe School.

Active in Community

Bill says he is not an "organization man," but he managed to serve for a couple of years on the China Lake Community Council, and for three years he helped lead the youth group of the United Methodist Church in Ridgecrest.

"That was a very enriching experience in my own life," Bill said. For many years he was very active with the church, working as lay leader for a year and putting in a couple of years as financial chairman.

He also was the chairman of the first Earth Day program a few years ago and is a former member of the Zero Population Group. "I gave talks to various groups about ecology and the impact that the ecological factors of today are having on our lives, but I've gotten away from that now," Bill explained.

His hobbies of camping and backpacking fit right in with his love of 35mm photography and ecology. He has an extensive slide collection, some of which he likes to blow up to larger sizes, frame himself and give to friends.

Star Gazers To Meet

The China Lake Astronomical Society will meet on Monday at 401-A McIntire St., beginning at 7:30 p.m.

Bryan Smith will review the book "Intelligent Life in the Universe," and Jim McMahon will describe an upcoming occultation of a star by the moon.

The meeting is open to the public.

USC Profs Due Here

Professors Nasser Nahi and C. Roger Freberg, from the University of Southern California, are scheduled to visit the Naval Weapons Center on Thursday, Nov. 14, to counsel students and prospective students in the USC Graduate Program in Engineering.

Appointments for counseling sessions can be made by calling the NWC Education Office at ext. 2641 no later than Wednesday, Nov. 13.

Promotional Ops . . .

(Continued from Page 2) Program Office of the Infrared Systems Division of the Weapons Development Department. Incumbent will provide clerical assistance to the Infrared Systems Division Program Offices. Duties will include typing of both technical and non-technical correspondence, division memos, travel orders and other duties as assigned. Job Relevant Criteria: Demonstrated telephone reception skills and experience typing administrative and technical subject matter. File applications for the above with Charlotte Sieckowski, Bldg. 24, Rm. 204, Ph. 3118.

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

Jack C. Lindsey
Associate Editor

Diane Coryell
Editorial Assistant

Ron Allen, Maurice Dias
Staff Photographers

DEADLINES: Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives American 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 Nav Exos P35, 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

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 Center Restaurant. Communion Service first Sunday of the month.	
ROMAN CATHOLIC MASS	
Saturday 1700 fulfillments Sunday obligation	0700, 0830, 1130
Sunday	
BLESSSED SACRAMENT CHAPEL MASS	
Daily except Saturday	1135
First Friday only	1135, 1635
Saturday	
Sunday	
CONFESSIONS	
Saturday	1545 to 1645
Sunday	0800 to 0825
CCD CLASSES	
Sunday Kindergarten thru 6th grades	1015
Wednesday Seventh and 8th grades	1900
RELIGIOUS EDUCATION CLASSES	
Sunday Kindergarten thru 6th grades	1015
Pre-school	1130
Wednesday First thru sixth seventh & eighth (Junior High)	1530
	1900
Above classes are held in Chapel Annexes across from Center Restaurant.	
As announced	Ninth thru 12th grades "In Home" Discussion Groups Monthly Youth Raftles
Contact Chaplain's Office for specifics.	
JEWISH SERVICES	
EAST WING — ALL FAITH CHAPEL	
Friday 1st and 3rd Only — (Sept.-May)	
Sabbath Services	2000
Saturday Sabbath School	0900
UNITARIANS	
CHAPEL ANNEX 95	
Services — (Sept.-May)	1930



By Jack Lindsey

Top-seeded Gary Fry was upset by Bob Forrester, 6-7, 6-3, 6-2 in the advanced men's singles of the fall tennis tournament sponsored by the China Lake Tennis Club over the past two weekends, but everything else went pretty much as expected.

Dick Boyd, ranked second, defeated Bernie Wasserman, 3-6, 6-1, 6-4, for the advanced crown, and Duncan Cleaves, top-seeded, won out over Gary Eklund, 7-6, 4-6, 6-2 in the men's intermediate singles.

Ruth O'Neil, to no one's surprise, won the women's singles. She defeated Sherri Miller, 6-2 and 6-2, for the crown. In the men's doubles, Nick Schneider and Boyd knocked over Scott DeGeus and Bob Forrester in two straight sets, 7-5, 7-5, while Karen Newmyer and B. J. Peck beat top-seeded Mrs. O'Neil and Marla McBride for the women's doubles crown. The winners needed three sets to win - 7-5, 5-7, 6-4.

Jane Winward and Schneider wrestled the mixed doubles crown from B. J. and Roger Peck after losing the opening set, 3-6. They came back to win 6-3 and 6-4.

In all, 111 matches were played. "That means that everyone got to play at least two matches," said Al Riedler, tournament director. One of the tourney's strongmen, John Strang, played for 5½ hours consecutively during one day's play, with time out only for a little rain and a little rest. He won both matches, then lost to Ben Quiroz in the consolation round finals.

Roy Miller won the advanced singles consolation title, and Charlene Newmyer took the women's singles consolation crown.

The tournament concluded last Sunday with a cookout at the Golf Club clubhouse. Players and their guests got a second look at the tournament by means of video tape that had been taken. Some of the lighter moments showed Frag Hagist, the "grand old man" of China Lake tennis, breaking his own cardinal rule. "Never throw your racket," Fred has advised other players many times in past years about this, but right there on video was a picture of Fred standing disgustedly, then finally throwing his racket—very gently, to be sure—a distance of approximately 2 ft. in front of him. Everyone got a big kick out of that.

Fred's wife, Esther, was presented a cooler-cart, complete with wheels and sun umbrella. Esther generally provides ice tea, lemonade and soft drinks to players on hot summer afternoons. The cart will get good use.

Auto Races Set Saturday At Pearson Speedway

Pearson Speedway, located at Pearsonville on Highway 395, will present the last big race of the season tomorrow, beginning with time trials at 1 p.m.

Also on tap will be a destruction derby, featuring both men and women drivers, and a grudge race between Don Pearson and Jay Turner.

Admission is \$3 for adults and \$2 for military personnel and students through college. Children 6 years of age and under will be admitted free of charge.



VOLLEYBALL TRAVELING TEAM—Members of the NWC Volleyball team will journey to Los Angeles Valley College tomorrow to participate in a single A tournament sponsored by the U.S. Volleyball Association. The team, which will also represent the Center in the MDISL tournament early next year, will play in quite a few tournaments prior to the big one. Team members are (l.-r.): Bob Berry, Bob Smith, Jerry Kissick, team captain, Ed Mikami, Duane Fojt, Tim Higgins and Ted Bailey. —Photo by Ron Allen

Burros Score Easy Victory Over Victor Valley; Kennedy HS Next

The Burroughs High School varsity football team had an easy time of it last Friday night. Playing without the services of Steve Blanche, the Golden League's leading rusher, the Burros still whopped the Victor Valley Jackrabbits, 28-0.

The scoring was evenly divided among Mike Hicks, Kevin Smith, Steve Paine and Mark McDowell. McDowell, Burro fullback who also doubles as the team's kicker, added the PAT each time.

Hicks, playing in place of the injured Blanche, hauled in a pass from quarterback Smith and raced 36 yds. for the first score on the fourth play of the game. Midway through the second quarter, Smith scored on a keeper play from 6-yds. out. Two plays later Paine recovered a VV fumble and scored from the 1 yd. line.

Just before the first half ended, Steve Paine advanced the ball 30 yds. to set up the final TD of the evening. Mark McDowell carried the final ball 16 yds. and tallied to end the scoring.

Paine collected 108 yds. rushing during the game while McDowell added 50 more. The team rushed for 233 yds. all together. Smith completed five passes out of nine attempts for 132 yds.

AAU Races Planned Tomorrow; First For Indian Wells Valley

For the first time in its short history, the Indian Wells Valley will be the site of an Amateur Athletic Union (AAU) track meet. The Central California AAU 10-kilometer road race and 10-kilometer race walk will be held on the Naval Weapons Center tomorrow, beginning at 11 a.m.

Signups will be held at the gymnasium at 10 o'clock tomorrow morning for all those who plan to enter.

The two events are co-sponsored by the Over-the-Hill Track Club, the Maturango Millers and NWC's Special Services Division. An Entry fee of \$1.50 for members of either of the two sponsoring clubs, or members of the AAU will be charged. All others must pay \$2.

Eight divisions are planned in the road run. These are: open division—(for the top 10 entrants), men's division—15-and-under, 16-29, 30-39, 40-49, and 50-and over; women's division, and three-man AAU teams. Medals will be presented to the first five places in all except the three-man team divisions. All finishers will receive ribbons.

Plaques will be awarded to the top five finishers in the men's open division of the race walk. Medals will be presented to the top three finishers in the other divisions. The race walk will feature competition in five brackets. These are men's open, 13-and-under, and vets over 40, women's 13-and-under, and over 14 years of age.

The Antelope Valley team jumped on Kennedy High School, 28-18, and still continues to lead the league with an undefeated record. The Burros and Quartz Hill gridders each have lost one league encounter. Kennedy High School has been defeated twice.

However, the Burros meet Kennedy tonight in the Homecoming game at BHS stadium, and it figures to be one of the toughest matches of the year. The Spartans are the league's leading team in total offense and the green-and-white will have its hands full trying to contain the visitors. The game starts at 8 p.m.

NAF Bowlers Remain On Top of Premier League Standings

The NAF Hawks continue to lead the Premier Bowling League. The kegglers from the Naval Air Facility have a one-game edge over Loewen's TV. NAF has won 17 games while losing only 7.

Thad Brightwell rolled a 659 series last Monday evening, scoring with games of 234 and 242 before falling to 183 on the final game. J. J. Fleming and Jack Herbstreit each posted a 246 single, high effort for the evening.

Vic Black notched a 642 series, bowling games of 202 and 244, while Benny Whiteside posted a 617 three-game set. Art Karrer rolled a 603.

Women's Scratch League

Darlene Herbstreit led all scoring last Monday evening with a 611 series that included a 234 game. Sue Emde tallied with 579 on the strength of a 213 single effort, and Wanda Billings posted a 544 series that included a 202 single game.

Peggy Perrige, last week's star, rolled a 201 single and a 544 set.

Friday Mixed 4-Some

Chuck Cutsinger smashed a 255 game, added a 222 single and topped the league with a 677 series last Friday. John Dowd hit 201, 208, 209 for a 618 set, and Ernie Lanterman (217) and Dan Branson (223) also bowled well.

Pat Maddux led the distaff kegglers with a 568 series and a 220 single. Other series scores were: Erma Erickson tallied 531, Darlene Herbstreit notched a 523, and Pat Brightwell recorded a 506. Val Strommen hit a 210 single game.

Nat'l Ass'n of Supvrs. Sets Monthly Meeting

The next regular business meeting of the National Association of Supervisors will be held at the Commissioned Officers' Mess on Wednesday, Nov. 6, beginning at 11:30 a.m. All members are urged to attend. Guests are welcome.

Wilt's Corner

Work is progressing satisfactorily on the handball court. The target date for completion is Monday, Nov. 11, and Wilt Wyman, director of sports and youth programs at NWC, is looking forward to rescheduling the handball tournament that had to be postponed for this much-needed renovation.

Entrants will be notified as to the exact time the tournament will resume, so watch this column.

Basketball league games will begin on Nov. 11. Playing times will be on Tuesday, Wednesday and Thursdays with games starting at 5:15, 6:30, 7:45 and 9 p.m. Women cagers will compete on Mondays, beginning at 6 p.m.

League schedules will be ready next Friday for pickup at the gymnasium office. Wyman would like to find out how much interest exists in beginning an adult physical fitness program on the Center. He stated that the program would concentrate on participation in such activities as swimming, jogging, tennis, handball, racquetball, weight training, basketball, volleyball and softball.

Interested persons should contact him by calling NWC ext. 2334.

Wyman has some interesting theories on physical fitness. His key to sports is participation rather than winning. "The body doesn't care whether it wins or loses, only that it participates," he's fond of saying. For more on his thoughts along this line, give him a call.

MDISL Golf Team Places 2nd; Moore Wins Senior Title

The NWC golf team finished in second place in the Mojave Desert Inter-Service League competition held last week at Norton Air Force Base in San Bernardino.

The host team tallied 786 for 36 holes to win the tourney. NWC finished with 804 strokes after leading the tournament by one stroke at the end of 18 holes.

"We were in good position, but high winds, coupled with the tees being moved back on the second day worked out to Norton's advantage," said Max Smith, team captain.

Bob Moore shot 70-79 to win the senior division for the third consecutive year. "Bob's 79 on the second day was comparable to par golf, considering all of the disadvantages — unfamiliar course, high winds and long, tight fairways," said Smith. "We're very proud of him."

The second place finish by NWC cinches the runner-up spot in the overall competition for the MDISL trophy this year. In addition, the Center resides in second place, four points behind Norton AFB, in the running for the minor sports trophy. "If we can win the Minor Sports Carnival this month, while Norton is being shut out, we can bring the trophy back home to NWC," said Wilt Wyman, NWC's director of sports and youth programs.

The Minor Sports Carnival will be held Nov. 14-17 at Norton AFB. It will consist of competition in badminton, racquetball, handball and a three-mile run.

Permit Needed To Store Game Meat

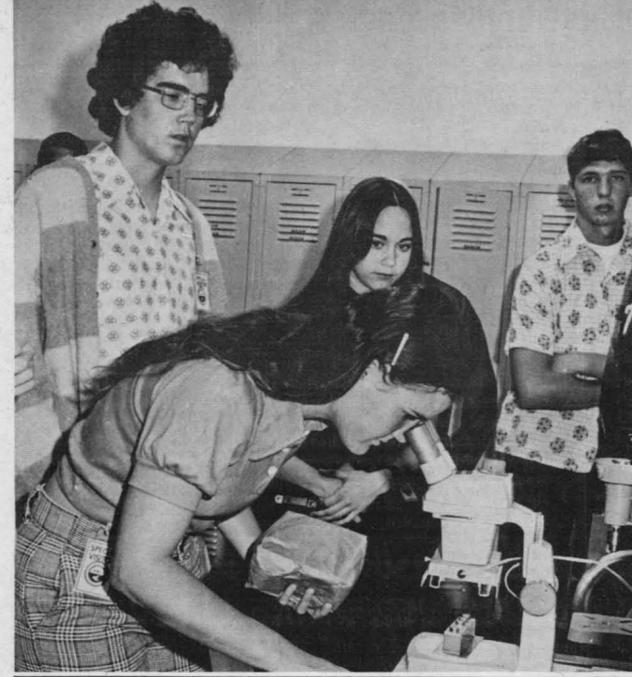
Persons wishing to keep deer, elk, antelope or bear meat after the close of the season will need a permit from the Department of Fish and Game, and such meat, packaged or unpackaged, must have a DFG stamp or a self-locking seal.

The permit fee is \$1 for each deer, elk, antelope or bear carcass. The meat must be available for inspection at all times.

Many locker plants have been authorized to issue permits and stamp packages of meat.

If a successful hunter cuts and packages his game meat for storage in a home freezer, a warden will issue a permit and stamp the meat at the hunter's residence.

Permits and other information are available from regional offices of the DFG.



MATH STUDENTS VISIT NWC—A group of 114 math students from Burroughs High School, accompanied by two instructors, Mrs. Martha Rodgers and Janice Lingren, were guests of the Naval Weapons Center for a tour aimed at acquainting the students with the many and varied ways that math is used in everyday working situations. The visit was arranged by Frank Knemeyer, NWC's Organizational Study Director, and Dr. William Sanson, of the high school faculty, in order to provide potential college students with a better insight into the kinds of job opportunities they can prepare themselves for by continuing with advanced studies in math. After being welcomed by Knemeyer, the students heard from Dr. G. L. Hollingsworth, NWC Technical Director, who spoke briefly on what he sees as the prime usages of math. The NWC film, "Evening Colors," was shown to provide the students with an overview of the many and varied types of research, test and evaluation work they were to see being conducted later in the day, as well as the facilities where this work is carried out. The students were briefed by R. T. Carlisle, coordinator of their visit, on the use of math in a typical project engineering assignment. They also were shown through the chemistry wing and photographic branch in Michelson Lab, visited the Engineering Department's Microelectronics Branch, the simulation laboratory of the Weapons Development Department's Aeromechanics Division, and computer facilities in the Michelson Laboratory complex before heading out to tour the range areas. In the photo above, E. B. Earle, from the Engineering Department's Guidance Evaluation Branch, is showing students some of the Sidewinder guided missile test equipment, while (at left) students line up to wait their turn to use a binocular microscope to inspect miniaturized transistors that are a product of the Engineering Department's Microelectronics Branch. —Photos by Maurice Dias

Capt. Daniel Due To Report For Duty as Public Works Officer

Capt. William F. Daniel, Jr., will report aboard the Center tomorrow to assume the duties of Public Works Officer. The 21-year Navy veteran comes to China Lake from the Naval Facilities Engineering Command, Philadelphia, Pa., where he was head of the Acquisition Department.

A native of Thomaston, Ga., Capt. Daniel attended Robert E. Lee High School in that city and entered the Merchant Marine Academy following his graduation. After earning his third mate's license, he served with the Merchant Marine until entering the Georgia Institute of Technology in Atlanta in 1949.

He received his bachelor's degree in 1953 and then attended the Civil Engineer Corps' Officer Candidate School, where he was commissioned an ensign in the U.S. Navy.

Capt. Daniel was assigned to the 13th Naval District Public Works Office in Seattle, Wash., as assistant to the design and construction officer following his commission. During that tour, a major

Housing Officer and then PW Officer for the Submarine Base at Pearl.

For the next five years — August 1961 to May 1966 — the new China Lake PW Officer was involved with a single project — the Atlantic Undersea Test and Evaluation Center (AUTEC). This was a new Naval test and evaluation center for underwater weaponry and anti-submarine warfare systems.

For the first year during the initial planning stages, Capt. Daniel was Officer-in-Charge-of-Construction for AUTEC in Washington, D.C., and for 1½ years after that he was attached to what was then called the Southeastern Division of BuDocks at Charleston, S.C., as project manager for the design of AUTEC.

In Charge of Construction

For the last half of this 5-year period, Capt. Daniel served as Resident OICC for AUTEC at Andros Island, in the Bahamas, where he was responsible for the actual construction of the Center.

A year of postgraduate work at Georgia Tech followed, and he received his master's degree in 1967.

October 1967 saw him assuming the duties of Commanding Officer of Naval Mobile Construction Battalion 40, homeported at Davisville, R.I., and he took part in two deployments to Vietnam during that tour of duty. On the first deployment, Capt. Daniel took the battalion to Chu Lai in time for the 1968 Tet Offensive, while his second Southeast Asia tour took him to Camp Campbell in Phu Bai, South Vietnam.

Prior to reporting to Philadelphia for his most recent assignment with the NFEC, Capt. Daniel spent two years as Commanding Officer of the Naval Schools Construction at the Seabee College, Port Hueneme, Calif.

Major Responsibility

At Philadelphia, the Navy veteran was placed in charge of Naval shore facilities engineering and construction for the 24-state northeastern and mid-western area, where the construction program amounted to approximately \$100 million per year.

Capt. Daniel and his wife, the former Jean Bronson of Durham, N.C., have one son, William F., III, who is now a junior at Georgia Tech, where he is majoring in physics.

The new NWC Public Works Officer holds the Bronze Star with Combat V, the Navy Commendation Medal, the Vietnamese Gallantry Cross with gold palm and silver palm.



Capt. William F. Daniel, Jr.

construction undertaking was the Klamath Falls Air Force Base — one of the first jobs accomplished by the U.S. Navy acting as a construction agent for the Air Force.

From July 1956 to July 1958, Capt. Daniel was the PW Officer at the Naval Hospital, Camp Pendleton, Calif., and was then attached to the Public Works Center, Pearl Harbor. While in Hawaii he served first as

Course Scheduled On Benefits Available To Military Personnel

Now is the time to sign up for the Navy Relief course — "Everything You Always Wanted to Know About the Military, but Were Afraid to Ask" — and find out about the "whys" and "wherefores" of some of those mysterious Navy and Marine Corps regulations one hears so much about.

A course will be offered for women who want to know about military pay and allowances, health and survivor benefits, and a number of other matters regarding aid to military personnel and their dependents.

To Conduct Course

Francia Stonesifer, director of field representatives and volunteer training for the Navy Relief Society, will conduct a course on these and other subjects from Nov. 13 to 26. Classes will be held in the Community Center on week days from 8:30 a.m. to noon. No class session will be held on Nov. 15.

Enrollees need not work as a volunteer in Navy Relief to take the course. The information offered in the classes, however, is important. A more thorough understanding of the benefits and privileges offered by the military services will make wives and daughters better members of the military community.

Other Subjects Covered

In addition, those enrolled in the class will learn all about the Navy Relief Society. Founded many years ago to implement the principle that "the Navy and Marine Corps take care of their own," the Society gives assistance — financially and through service — to all active duty and retired personnel and their dependents in time of need.

Persons interested in attending this course should contact the Navy Relief office by calling 446-4746, or the Chaplain's office, phone NWC ext. 3506.



INTEREST APPARENT — The Honorable W. P. Clements, Jr., Deputy Secretary of Defense, peers into the cockpit of an A-4 Skyhawk to get a close-up look at the gear which is part of the A4-M Improved Weapons Delivery System. Information about IWDS was provided for the distinguished visitor by Dean Elliott (hidden in cockpit), a project engineer in the Weapons Development Department's Avionics Division. —Photo by Bill Fettkether

Deputy Sec/Def Visits China Lake . . .

(Continued from Page 1)

field. In addition, he observed a dye laser in operation using dyes that have been developed at the Center. It was emphasized that such dyes are now much more stable and can be used for a longer period of time than was the case just a few years ago.

Burrell Hays, head of NWC's Engineering Department, concentrated his presentation to the Honorable Mr. Clements and his party to relating how the Center became involved in the design validation of the Sparrow III AIM 7-F program, and outlined the outgrowth and advantages of what has transpired to date.

Hays noted that the unique way in which NWC has contributed to this weapon system is now leading to requests for Center involvement in other weapons programs. How the Engineering Department's AIM 7-F test equipment and facilities, which the visitors inspected, are used to confirm in the laboratory reliability of the Sparrow III AIM 7-F missile in the field also was stressed in the talk given by Hays.

Glimpse at EW Programs First in Michelson Lab, and later at both G-1 and Echo ranges, a glimpse into some phases of the on-going programs in the field of electronic warfare was provided for the Honorable Mr. Clements and those who accompanied him here.

While still at Michelson Laboratory, the distinguished visitors met Monte Frisbee, an electronics engineer assigned to a special project in the Electronic Systems Department, who described his work.

Volunteers From NAF Assist With Center's Self-Help Program

Six enlisted members of the Naval Air Facility are presently engaged in a Self-Help Project at the Mobile Home Park on Princeton and Ranger Sts., off Lauritsen Rd.

The men are putting in concrete curbs and gutters prior to street paving operations that will be performed sometime in December or early January.

The sailors involved in the Self-Help work are AC3 Bill Winningham, A0AA Daniel Parks, ADJAN Tim Strawmyre, AN Harry Walters, AA Mitchell Potts and AA Furman Peters, Jr.

At the present time they have installed 340 ft. of curbs and gutters, with more than 1,800 ft. needed to complete the task.

Other workmen will hook up utilities, put in concrete driveways, and extend a block wall around the outside of the mobile home park. When all work is completed, facilities will exist for 11 additional mobile home units, thanks in part to the volunteer efforts of the Self-Helpers.

Later, accompanied by F. M. Ashbrook, head of the Electronic Systems Department's Countermeasures Division, the Deputy Secretary of Defense flew in a helicopter to G-1 range to learn more about the development and testing of new electronic warfare equipment and after that, the Honorable Mr. Clements and his party met K. O. Bryant, associate head of Code 35's Electronic Warfare Threat Environment Simulation Operations, who provided the visitors with details about the highly instrumented Echo range, while they observed an actual test in progress.

Classified Displays Viewed Returning to the Naval Air Facility by helicopter, the Deputy Secretary of Defense and his party had a few minutes left to look over a display of classified hardware and aircraft before they boarded their own aircraft for the flight to Los Angeles.

Included among the exhibits at NAF were HARM (high speed anti-radiation missile), Walleye, Condor, Bulldog and Sidewinder AIM 9-L missiles, the Improved Weapons Delivery System, night observation gunship, and the QF-86H drone, a highly maneuverable, remotely piloted vehicle.



SUPERIOR EFFORT RECOGNIZED — Charles Smith (at left), head of the Systems Development Department, recently presented a \$1,000 Superior Achievement Award to three employees in his department in recognition of their outstanding effort in overseeing the preparation of the documentation package of the 20mm light weight gun pod program. The award recipients, all employees in the Aircraft Gun Systems Branch of Code 51's Weapons Systems Division are (l-r.) Arthur Clayson, a mechanical engineer; Gordon Chantler, a mechanical engineering technician, and Jack Bates, an engineering technician. The three NWC employees spent considerable time working during inclement weather with representatives of the General Electric Co. Armament Department in Burlington, Va., to insure that the contractor was on the right track and came out with a Class 1 procurement package that was agreeable to the program officials at China Lake. A production contract with GE's Armament Department was signed recently, and the procurement package will now be used for future open procurement of the light weight gun pod. —Photo by Maurice Dias

Reorganization Study at NWC Discussed . . .

(Continued from Page 1) environment forecast.

(4) The Center's major short term efforts should be directed to improvement of existing systems.

(5) A substantial effort was needed to restore NWC's credibility with industry in the area of independent research and development, while positive steps were required at the same time to ensure that during the process of transferring the laboratory product (including system responsibility) to industry, there is a guarantee that the ability of the laboratory to monitor progress was not impaired. A strong interface with industry has to be maintained in all areas of laboratory effort.

Substantial Effort Needed (6) A substantial effort must be taken to modernize the existing R&D support facilities, as well as to preserve the very essential land mass and airspace from encroachment by a number of interests both inside the government and outside.

(7) Acquisition problems start in the advanced development area, and thus the laboratory must have a strong orientation toward meeting design-to-coast goals, as well as be able to apply trade-offs in maintainability and reliability.

(8) A strong military interface is required to ensure the operational flavor in NWC developments, as well as making sure the Center is equipping the nation's future military leaders to properly administrate and manage research and development within the Navy.

Organizational Study Started Referring to the recently announced reorganization of NWC's top management, RADM. Freeman told the Honorable Mr. Clements and his party: "Since this is the finest laboratory in the Navy Laboratory System, if not the entire Department of Defense, action in many of these areas was already under way. However, to insure maximum economy of operation as well as organizational readiness to face the future, an organizational study has been undertaken."

The NWC Commander reported that a layer of management has been eliminated, and that a "departmental consolidation study is under way to rescue the span of control, eliminate duplicate staffing, and consolidate functions."

RADM. Freeman emphasized that the Center's reorganizational effort "is expected not only to redistribute assets, but reduce manpower as well, including a

comparable reduction in overhead. This," the Center Commander continued, "will require a hardnosed management attitude to preserve the 'need to have' and eliminate the 'nice to have.'"

To insure closer relation to the Fleet, RADM. Freeman informed the Deputy Secretary of Defense, both he and Dr. Hollingsworth regularly attend meetings of the 3rd Fleet board, chaired by Vice Admiral James H. Doyle. In conjunction with Air Test and Evaluation Squadron Five, NWC supports 3rd Fleet efforts in the areas of tactics development and evaluation.

In addition, the NWC Commander told the Honorable Mr. Clements that the Center participates in Electronic Warfare Joint Tests, and advised him that he would be seeing some of the equipment that is available for this purpose at Echo range.

Progress Reports Presented Before turning the Deputy Secretary of Defense's briefing and tour of NWC over to spokesmen for a number of the Center's departments, who gave progress reports on a variety of the research, development and test activities that are being carried out here, RADM. Freeman concluded his presentation to the Honorable Mr. Clements by commenting:

"China Lake has unique capabilities to develop new ideas into weapons systems, and the preservation of this capability is our goal, while at the same time recognizing that there are substantial economies of effort which must be made. Our program is ambitious, but an achievable management job," the NWC Commander stressed.

Survey To Be Made Of Conditions In NWC Housing Area

In a continuing effort to help maintain a safe and healthful—as well as attractive—environment for employees living in Center housing, surveys will begin this week of the housing and community areas.

Personnel of the Security Department's Fire Division, Safety Department, the Environmental Health office in the Medical Department, and the Public Works Department's Housing office will conduct the surveys.

Inspectors will be looking at such items as traffic and alleyway hazards, potential fire spots, and the appearance of the exterior of houses and yards.

Tenants will be notified of the problems to be corrected by a copy of the form which will be left at the door following the end of the inspection. The form will indicate who has the responsibility to take action in order to correct the problems noted.

For example, the Public Works Department would have the responsibility to remove a dead tree in the yard. A tenant would be responsible for cleaning up a dirty yard.

These inspections are conducted periodically in conformance with existing NWC regulations.

Dance Planned at COM

The "Caravan" will play for a dance tonight at the Commissioners Officers' Mess beginning at 9 o'clock.

Drake Dierkhising, manager of the club, invites all members and their guests to come out for an evening of fun and dancing. "Stop off for dinner and stay for the dance," he urged.

Take stock in America. A graphic with a stylized eagle and the text "Take stock in America." Below the eagle is a small illustration of a stock certificate.

Hunting for Chukar, Rabbits To Begin Saturday in Range Area

The first of three special weekends of public hunting for chukar (Indian red-legged partridge) and rabbits on a portion of the Naval Weapons Center's northern range area is scheduled tomorrow and Sunday.

Only hunters who have applied for and received permits to take part in these special hunts—which also are scheduled over the weekends of Nov. 9-10 and 16-17—will be allowed entry to the closed range area. The hours of hunting will be between 6 a.m. and 5 p.m. each day.

This is the first time in the past three years that upland game areas of NWC have

been opened for public hunting, but this year a limit of 500 vehicles per weekend has been set.

By the end of last week, the quota of requests for the opening weekend of this special hunt had been filled, but nimrods interested in going out on either Nov. 9-10 or 16-17 may still apply for a permit.

Procedure To Follow This can be done in person by contacting Mrs. Natalie Harrison in Rm. 202 of the Housing Office building, or by sending a request, along with a self-addressed, stamped envelope to the Natural Resources Management Office (Code 70309), Naval Weapons Center, China Lake, Calif. 93555.

The hunts are subject to cancellation without notice should test schedules preempt use of the NWC test ranges.

NWC military and civilian personnel may enter the hunting area via the Mountain Springs Canyon gate, where a check station will be located. Any Center personnel not electing to camp overnight may return to the Center housing area on Saturday evening and re-enter the hunting area on Sunday morning—provided that have a valid special entry permit.

Entry by the general public to the NWC hunting area will be via a check station at the Darwin Gate on the north perimeter of the Center. Hunters are urged to bring along sufficient gasoline and emergency equipment for the trip.

Gate Access Times Gate access times both at Darwin and at Mountain Springs Canyon will be as follows: On Fridays and Saturdays, Nov. 1-2, 8-9 and 15-16, gates opened at 5 p.m. and closed at midnight; on Sundays, Nov. 3, 10 and 17, gates opened at 5 a.m. and closed at 5 p.m.

Headquarters for the hunts will be Junction Ranch, where California Department of Fish and Game personnel and China Lake police will be stationed. Overnight camping will be restricted to three campsites provided on NWC lands. They are at the Darwin gate, Birchum Springs and at Junction Ranch. The only potable water in the hunting area is available at the latter location.

License and bag regulations of the California Fish and Game code will be enforced by uniformed personnel of the Department of Fish and Game, while NWC security and safety regulations will be enforced by China Lake police.

Chukar limits are six per day, six in possession. In the case of rabbits (bush cottontail, pygmy and varying hare) the limit is five per day, five in possession. There is a year-round open season on jackrabbits.

Rules and regulations of National Parks and Monuments are in force on the Naval Weapons Center with respect to artifact, souvenir or mineral collecting, and no firearms other than legal gauge shotguns may be used during the special hunts.

All Wildlife Protected All wildlife on the Center, including reptiles, is protected under the natural resources conservation and management programs carried out by the NWC. Hunting on Center land is prohibited at all times other than during the special hunts over the next three weekends, and no shooting, capture or harassment of any animals other than chukar or rabbits will be permitted.

The use of vehicles in the NWC northern range area is restricted to existing dirt roads, and no two or three-wheeled vehicles can be transported onto or used on NWC ranges. The hunting permits of violators of NWC regulations will be revoked, and such violators will be escorted off the Center.

CPO Club Slates Dance

The Good Time Band will play for a dance tonight at the Chief Petty Officers' Club, beginning at 9:30 o'clock.

George Barnard, club manager, invites all members and their guests to participate in the evening of fun and relaxation.



THIS IS IT — Chukar (Indian red-legged partridge) will be the elusive quarry of nimrods joining in a special hunt this weekend, as well as on Nov. 9-10 and 16-17, in the NWC northern range area. It also will be open season on rabbits in the same area on the three weekends of upland game hunting.



RECEIVE CASH AWARDS — Ernie Cozzens (r.), acting for Dale Randle, head of the Engineering Department's Engineering Prototype Division, recently presented cash awards to Charles F. Knowles (l.) and James H. Lewis for Beneficial Suggestions made by the two men. Lewis, a welder in the Metalworking Branch, received \$100 for design of a fixture that enabled him to make an automatic weld in the bottom of a 12 by 10 in. container, using existing parts from various equipment in the Welding Shop. Lewis' device eliminated the practice of making a pressure tight weld by hand-holding a torch and feeding the weld rod by hand. Knowles, an engineering technician in the Electronic Prototype Branch, suggested utilization of a proto-chemical anodize/etch process as a more efficient means of fabricating test console and test set panels than the process involving machine engraving. He received \$325 for his idea.

NAF Helo Crew Spots Stranded Hikers; Flies Them to Safety

At 7 a.m. Wednesday, Sgt. Bob Belay, of the Inyo County Sheriff's office in Bishop, called the Naval Air Facility for a helicopter to support a ground search under way in the South Lake area for three stranded hikers from San Diego.

Lt. Ian Refo, NAF flight officer, Lt. R. D. Duncan, an A7 project pilot, ADJ2 Kenneth Kimball and Dr. G. R. Gibbons, the NAF flight surgeon, responded to the call for help. These men, along with Al Green and Don Peterson of the China Lake Mountain Rescue Group, climbed into a UH-1H Huey helicopter and headed for the search area—the east side of Bishop Pass along the trail from South Lake to Dusy Basin.

The three hikers—George Urbas, 23, Terrie Nerren, 19, and Randy Burks, 15—were supposed to have been home by Monday evening. When they were overdue, worried relatives reported them missing to authorities and the search was initiated. According to Lt. Refo, pilot of the helo, the weather was clear and sharp—although very cold—with very little wind and the trio of hikers was spotted very quickly, less than two hours after the aircraft had taken off from NAF.

Green said they were off the trail that leads from South Lake to Dusy Basin, but were still in the general area and were therefore easy to locate from the air.

The threesome, upon being landed back at the hiker's parking lot at South Lake, got into their car and immediately left for home. "Fat, dumb and sassy," said Green.

The stranded trio was located at the 12,000 ft. level where they had spent 18 hours in a small tent while snow fell the entire time. The altitude was extremely high for a helicopter landing, but Lt. Refo decided to make the attempt anyway.

"We had to go back to a parking lot and unload a lot of gear and dump some fuel as the ship was too heavy to land in the snow," the pilot explained. Lt. Refo then flew back and picked up the hikers, who were reported to be in remarkable condition—all things considered.

Both of the males seemed able to continue their journey. Urbas stated he "wasn't lost," but the young lady (Miss Nerren) was too tired to continue. All three were clothed too lightly for the weather (two of them were wearing hiking shorts), and none of them was prepared for the heavy snowfall which hit on Monday.

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HAPPENINGS AROUND NWC

A course in conference leadership is planned Nov. 11 and 12 in Rm. 101 of the Training Center. Hours of the class are from 7:45 a.m. to 4:30 p.m. both days.

L. L. Verne Reynolds, of Management Skills Associates, is the instructor. Emphasis of the class will be on heavy use of video tape recording, playback and analysis of actual conferences conducted by participants.

Students will learn problem solving, how to lead and/or participate in a conference more successfully, reduce wasted time and confusion, eliminate distractions and "verbal clutter" that does not contribute to a conference, and how to tap strong resources of the other conference members.

Nominations to attend can be made by submitting an NWC enrollment form to Code 654 via proper department channels no later than 4:30 p.m. today.

Report Writing Course Offered

A course in Fundamentals of Report Writing will be offered on Nov. 11, 13, 15, 18, 20 and 22 from 7:45 to 11:30 a.m. in Rm. 211 of the Training Center.

Grady Cherry, instructor of technical

writing at the Texas A&M University, College Station, Tex., will instruct the class.

This six-morning course is designed to meet the needs of scientists and engineers in writing a publishable technical report.

The course stresses fundamentals, especially in expression and organization, but it is not elementary. The instructor will be available for consultation concerning individual writing problems on Tuesdays and Thursdays during the two-week period.

Those urged to enroll are persons who have written or are now writing a technical report (TP, TM, or TN). The class is limited to 15 persons.

Nominations should be submitted on NWC enrollment form to Code 654 via department channels no later than Tuesday.

Metal Trades Council To Meet The Indian Wells Valley Metal Trades Council (IWMTC) will hold its regular meeting on Thursday, Nov. 7, at 65-B Halsey Ave., beginning at 7:30 p.m.

The council is the representative of a unit composed of the Center's non-supervisory, ungraded, civilian employees of the Naval Weapons Center.



SAFETY CONSCIOUS — Capt. R. D. Franke, NWC's Deputy Commander, presents safety recognition certificates to Dr. W. S. McEwan (c.), head of the Research Department's Chemistry Division, and R. D. Krausman, who is head of the Test and Evaluation Department's Air Operations Branch. Dr. McEwan's award was for serving as a supervisor for 20 years without a lost-time accident and Krausman's certificate cited his 15 years of accident-free supervision.