

Auditions for roles in 'Cactus Flower' slated Aug. 4, 5, 6

The China Lake Players are planning once again to bring dinner theater to the Commissioned Officers' Mess by presenting the Abe Burrows' comedy, "Cactus Flower," on Sept. 26 and 27 and Oct. 3, 4, 10, 11.

Tryouts for the four-woman, six-man production will be held on Aug. 4, 5, and 6, at the home of Don Tilford, 501 S. Alford St., Ridgecrest, one block east of the El Dorado tract model home.

Director Ken Austerman reminds all persons interested in being in a theatrical production that these will be completely open tryouts, and that talented beginners stand as good a chance of winning a part as do seasoned "pros."

"Cactus Flower" became generally well-known as a movie starring Walter Matthau, Goldie Hawn, and Ingrid Bergman, but it was a hit Broadway play before that. "I think anyone who's familiar with the story will agree that these are character parts an actor can really get his teeth into," Austerman said.

He listed the parts as Julian, a bachelor dentist with a flair for the big lie; Harvey, a likeable phoney; Toni, Julian's young, beautiful — and gullible — girlfriend; Stephanie, a straight-laced nurse who decides to live a little; Igor, a poverty-stricken young writer; Mrs. Duranty, an exasperated dental patient; and Sanchez, a Latin charmer who hates bringing his wife along on dates.

Rehearsals for "Cactus Flower" will start during the week following the tryouts and the production will open the fall season for the newly refurbished Commissioned Officers' Mess.

Camp Fire Girls to stage day camp at NAF pool area

Camp Fire Girls in the local area are invited to attend a summer day camp next Monday, Tuesday and Wednesday at the NAF swimming pool area. It will be held from 9 a.m. to 2:30 p.m. each day.

Mary Weisman will be the day camp coordinator. She will be assisted by Georgia Knutsen, Norma Diede, Joy Young and Carol Woodbridge.

Mrs. Knutsen will instruct the camp's participants in dancing, while Mrs. Diede will teach a variety of craft work. Mrs. Young will be in charge of cooking and camp safety classes. Mrs. Woodbridge is a Camp Fire Girl counselor.

The camp is open to girls from grades one through junior high school. The cost is \$3 per person. Registration forms are available at the Center Library and Youth Center, or at the Kern County Library or Pinney Pool in Ridgecrest.

Bus transportation, provided through arrangements made by Harry Parade, NWC Public Information Officer and a district chairman of the Southern Sierra Council, Boy Scouts of America, will leave each day from the NWC main gate.

For further information, call Mrs. Woodbridge at 375-4967.



YES, PLEASE — A young girl (at left) waits patiently for her serving of ice cream during the Protestant Women of the Chapel ice cream social, held on July 15 at the All Faith Chapel. The yearly event attracted 1,000 persons this year and earned a total of \$600 for various PWOC mission charities. Steve Nygaard and friends provided background music at the affair that was well received by the customers. The Junior and Senior High School student organizations operated a sponge throw and a dunking booth to earn money for the charities supported by this annual event. The ice cream social was co-chaired by Betty Jane Leonard and Gloria Erickson.



Nation's Bicentennial, U.S. Navy birthday medallions to be sold

Mail orders are now being taken for commemorative medallions jointly honoring the nation's Bicentennial and the 200th birthday of the U. S. Navy, which will be celebrated on Oct. 13, 1975.

With approval of the Naval Weapons Center Command, and working with representatives of the Maturango Museum's board of directors, the Employee Services Board is sponsoring this undertaking.

The medallions (replicas of which can be seen below) will be struck in antique bronze and fine silver. The obverse (front side) will bear a likeness of the fife player and marching drummers symbolic of the Revolutionary War, while the medallion's reverse side bears NWC's salute to the U. S. Navy's 200th anniversary.

Just 300 of the silver medallions, which will cost \$20 each, will be made, and each will be numbered in sequence according to arrival of the orders. There is a limit of five silver medallions per customer. The bronze medallions are priced at \$2 each.

Cards to use in ordering the medallions were distributed with today's civilian paychecks, and persons interested in obtaining this historic memento can do so by

placing an order either in person or by mail. In the latter case, there will be a 50-cent charge for handling. Checks should be made payable to the Maturango Museum.

Extra copies of the order cards will be available in the Technical Presentations Office at the main entrance to Michelson Laboratory, at the desk of the Officer-of-the-Day in the Administration Building, at the main gate Visitors' Center, the Community Center, Station Pharmacy and at the Maturango Museum.

Orders must be received at the museum by Aug. 22. Advance payment of \$20 each will be required for the silver medallions, but no prior payment will be necessary for the \$2 bronze medallions.

All proceeds from the sale of the medallions, which will be issued in October, will be turned over to the Maturango Museum building fund.

Deadline for vets to file for group life insurance is Aug. 1

Veterans of the Armed Forces who were separated from service between April 3, 1970, and Aug. 1, 1974, have until Aug. 1 of this year to file for Veterans' Group Life Insurance.

Veterans who qualify may be able to purchase up to \$20,000 of this valuable life insurance protection at a low cost monthly premium.

Known as VGLI, the insurance is made available to vets who have not converted all their Servicemen's Group Life Insurance coverage if such insurance terminated less than four years from Aug. 1, 1974.

To be eligible for this insurance, the veteran must be in good health. Any service-connected disability suffered by the veteran will not, however, disqualify him or her from qualifying for the VGLI.

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
Regular starting time — 7:30 p.m.

FRI. 25 JULY

"THREE TOUGH GUYS" (92 Min.)
Lino Ventura, Fred Williamson
(Drama) A priest and an ex-police captain join forces to find the gang that stole \$1 million from a bank. (PG)

SAT. 26 JULY

"SILENT RUNNING" (90 Min.)
Bruce Dern, Cliff Potts
(Science Fiction) Four astronauts have been given the assignment of preserving the earth's last forest in a giant spaceship. When orders come to terminate the project, one astronaut kills his shipmates and steers the craft deep into space with its precious cargo. (G)

SUN. 27 JULY

"WHOEVER SLEW AUNTIE ROO?" (91 Min.)
Shelley Winters, Mark Lester
(Suspense Drama) The story of a neurotic, middle-aged woman. (PG)

MON. 28 JULY

"AND NOW THE SCREAMING STARTS" (92 Min.)
Peter Cushing, Stephanie Beacham
(Horror Drama) A woman marries into a wealthy family in 1785 and discovers she must fight against a curse on her husband and the house in which they live. (R)

TUE. 29 JULY

"SUPERFLY TNT" (87 Min.)
Ron O'Neal, Roscoe Lee Browne
(Action Drama) Priest Ron O'Neal is a lost soul unable to keep hustling. Roscoe Browne is an African working undercover to free his small country from European colonial control. He challenges O'Neal's reluctance to help his African brothers, but Priest ultimately decides to buy and transport weapons to Browne's liberation army. (R)

WED. 30 JULY

"THE LAST DETAIL" (105 Min.)
Jack Nicholson, Otis Young
(Drama) Two veteran Shore Patrolmen are assigned to transport a young, emotionally withdrawn recruit to the brig in Portsmouth, N.H. Along the way they take it upon themselves to teach him the facts of life. He begins to enjoy life so much he tries to escape. (R)

THURS. 31 JULY

"EVERY LITTLE CROOK AND NANNY" (92 Min.)
Victor Mature, Lynn Redgrave
(Comedy) Victor Mature demonstrates a unique flair for broad farce as a domineering, gangland czar whose son is abducted by a rank novice to the kidnapping profession. Lynn Redgrave is the "Nanny" behind the kidnapping plot, carried out to get even with Mature for disrupting her livelihood as a classic dance teacher. (PG)

FRI. 1 AUG.

"THE SPIKE'S GANG" (105 Min.)
Lee Marvin, Gary Grimes
(Western) A bank robber, on the run, wounded and horseless, is found and nursed back to health by three farmboys. They run away from home, and the outlaw takes the boys on as apprentice bank robbers and his cohorts in crime. (PG)

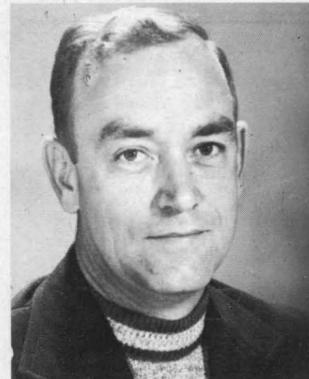
Youth Center matinee

The Youth Center matinee movie for next Wednesday, July 30, will be "So Dear To My Heart," starring Burl Ives, Bobby Driscoll, and Luana Patten.

Admission for this 82 min. Walt Disney production is 25 cents for Youth Center members. All others must pay 50 cents. Show time is 1 p.m.

U.S. Government Printing Office: 1975 - 494 - N0328

From: _____ PLACE STAMP HERE
To: _____



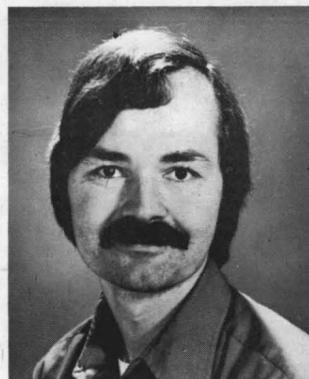
Gerald Schiefer



Dr. Roger Fisher



Ray Miller



Tony Rue

Four more Center employees garner NSAP assignments

Four more NWC employees have been appointed to serve in the Navy Science Assistance Program.

Gerald Schiefer, Dr. Roger Fisher, Ray Miller and Tony Rue are joining Dick Murphy and Bill Baer as NWC participants in this important work.

The NSAP currently provides Science Advisors and Laboratory Representatives to 14 major Navy commands and two Marine Corps commands. In this fiscal

year, 28 personnel from Navy Laboratories will be assigned to these commands through the NSAP.

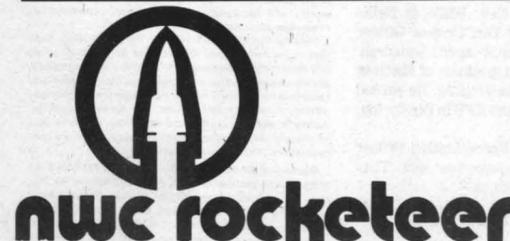
A Science Advisor represents the entire Navy Laboratory community and advises the command on a broad spectrum of technical topics. An NSAP Laboratory Representative, on the other hand, is usually assigned to concentrate on a specialized technical area of interest. In general, an advisor or representative

assists the command in identifying and isolating technical problems, in translating problems into technical terminology, and in exploring possible solutions and the organizational resources for achieving them.

Schiefer, head of the Electronic Warfare Department's HARM Program Office, will be assigned as Science Advisor to Rear Admiral R. R. Monroe, Commander, Operational Test and Evaluation Force,

Norfolk, Va. COMOPTEVFOR is responsible for nearly 200 operational test and evaluation projects and assists on more than 150 other projects.

Schiefer's expertise in program management and systems acquisition is backed up by his experience in the area of defense suppression. Prior to becoming head of the HARM Program Office, he worked on the Shrike program and (on five (Continued on Page 3)



Naval Weapons Center
China Lake
California

Vol. XXX, No. 29

Raymond Harrison to leave for division head post with OCMM

Raymond W. Harrison, head of the Naval Weapons Center's Personnel Department, will be leaving China Lake on about Aug. 1 for Washington, D. C., where he will assume his new duties as head of the Center Management Division for the office of Civilian Manpower Management (OCMM).

Harrison's new post is one of the most influential and important in the Navy personnel field — being one of approximately a half-dozen super-grade (GS-16-18) level positions in Navy personnel

Report released on energy consumption during Fiscal Yr. '75

The Naval Weapons Center's overall energy consumption rate (official usage only) for both Fiscal Year 1975 and for the month of June 1975 was released this past week by Dick Malone, the Center's Energy Conservation Officer.

Based on a comparison with the base period of Fiscal Year 1973, the figures reported for the period from July 1, 1974, through June 30, 1975, show that total energy consumption on board the Center was down by 12.2 per cent. The changes were:

- Electrical power consumption — down 15.1 per cent.
 - Natural gas usage — down 9.6 per cent.
 - Propane gas consumption — cut by 14.5 per cent.
 - Use of fuel oil for boiler plants — up 8 per cent.
- For the 30-day period from June 1 through 30, 1975, the total energy consumption rate was down 19.8 per cent, compared to two years ago. The figures were:
- Electric power — down 22.7 per cent.
 - Natural gas use — down 5.4 per cent.
 - Propane gas consumption — cut by 44.4 per cent.
 - Use of fuel oil for boiler plants — down 77.8 per cent.

management work.

His responsibilities will include developing overall Navy personnel policies, procedures, programs and standards; career management planning; executive management; approving qualification requirements for recruitment and selection; performance evaluation, and overseeing training and manpower information systems.

With the exception of nearly two years (March 1969 to January 1971) Harrison has been a Personnel Department employee at China Lake for the past 22½ years.

Since coming to China Lake in November 1952 as a placement officer, he has held a number of increasingly responsible positions within the Personnel Department prior to becoming the department head in August 1963.

Until a replacement is chosen for Harrison, Eva Bien will serve in the capacity of acting head of the Personnel Department.

Singular Honor

Harrison, whose outstanding performance while employed at China Lake has been recognized over the years by many letters of appreciation, sustained superior performance and outstanding performance ratings, was also singled out to receive the Navy Meritorious Civilian Service Award during a farewell reception held in his honor on July 16 at the Chief Petty Officer's Club.

The presentation of this, the highest honorary award in the Navy civilian service which may be granted by heads of activities, was made to Harrison by Dr. G. L. Hollingsworth, Technical Director, on behalf of Rear Admiral R. G. Freeman III, NWC Commander.

In the citation which accompanied the Meritorious Civilian Service Award, it was noted that Harrison had served NWC with "dedication, distinction and enthusiasm."

Especially noted was the fact that (as a direct result of his innovations) a (Continued on Page 3)



TOP PERFORMANCE RECOGNIZED — On the eve of his departure for new duties in Washington, Raymond W. Harrison (at right), was singled out to receive the Navy Meritorious Civilian Service Award. The presentation was made by Dr. G. L. Hollingsworth, NWC Technical Director, during a farewell reception held in honor of Harrison, who is head of the Personnel Department.

Panel discussion slated Saturday on filling Justice Court vacancy

An opportunity for Indian Wells Valley residents to listen to information pro and con, and express their views on the proposed consolidation of the Indian Wells and Kern River Judicial Districts, will be presented tomorrow from 2 to 4:30 p.m. at the Burrough High School Lecture Center.

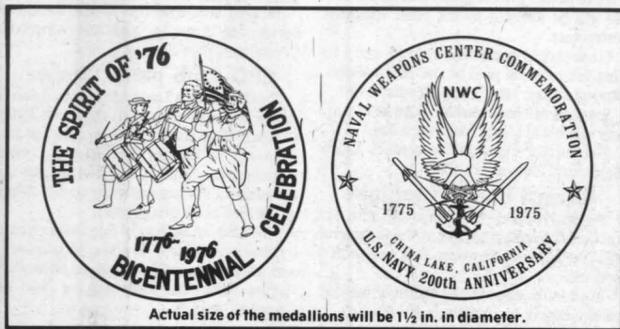
The outcome of this meeting, and the affect it will have on a public hearing that is scheduled on Monday during the Kern County Board of Supervisors meeting in Bakersfield, will have a long range bearing on the local court system for some time to come.

At stake is not only the question of who will be the presiding judge of the Indian Wells Justice Court (since the recent

resignation of Judge G. E. "Tommy" Thompson) and how this individual will be chosen, but also the matter of the eventual establishment of an Eastern Kern County Municipal Court District.

Participants in the panel discussion (co-sponsored by the China Lake Community Council and the Ridgecrest City Council) will be Kern County Supervisors LeRoy Jackson and David Head, of Districts 1 and 2, and Frank Backus and Burke West, president and member, respectively, of the Indian Wells Valley Bar Association.

Paul Colter, a teacher of history and government at Burroughs High School, will serve as the moderator. (Continued on Page 5)



Actual size of the medallions will be 1½ in. in diameter.

FEEDBACK CIRCUIT

(Editor's note: This column, which will be published from time to time, contains information from the Naval Weapons Center Command about problems of general interest to China Lake residents and NWC employees. Persons having questions which fall into this category are invited to submit them in writing to the Public Information Office, Code 003, for response.)

The Naval Weapons Center Command has authorized the publication of a monthly summation of various types of crimes and misdemeanors occurring at China Lake. This is in response to many requests for such information, and hopefully will serve to make Center residents more aware of the need to not only safeguard their own possessions but become better stewards of government property as well.

During the month of June, a check of the log at the China Lake police station shows that there was a rash of night-time incidents in which tape decks were stolen or valuables were removed from the glove compartments of vehicles — most of which had been left unlocked by their owners. In addition, there was some damage to vehicles left parked on streets in the China Lake housing area.

A suspect has been apprehended in connection with one of the thefts, and two other suspects have been brought in for questioning in regard to malicious damage to five vehicles.

China Lake police also received three reports of stolen vehicles — one of them a motorcycle. One machine, which apparently had been taken for a "joy" ride, was recovered a short distance away from its parking place. The too common practice of failing to remove a vehicle's ignition keys has been cited by China Lake police as a factor in many auto thefts on the Center.

The month of June was marked by a noticeable increase in vandalism and thefts, many of which took place in the Bishop hut area where buildings are used as meeting places by a number of local clubs and organizations.

Under the category of malicious mischief, two juveniles were apprehended after China Lake police received reports that the air had been let out of automobile tires at various times and places around the Center.

Also on the rise during the month of June were calls to China Lake police regarding the problem of disturbing the peace. Most of the complaints were from residents who objected to loud music or noisy parties that disturbed their rest at night. "Be more considerate of your neighbors," Police Division officials request.

Heavier summer-time use of the Special Services-operated swimming pools at China Lake has been accompanied by a number of petty thefts in which coins and currency have been taken from wallets.

Additionally, during the first week of July a male and female (both juveniles) were apprehended by China Lake police and referred to the Kern County Juvenile Probation Department. The two were charged with indecent exposure as the result of an incident that took place in front of the Center Theater.

On July 8, a police officer confiscated a .38 calibre hand gun from a 14-year-old boy who was observed to have it in his possession while walking around Bennington Plaza.

Significant changes reported by China Lake police for the first six months of this year, as compared to the same period in 1974, are:

Increases in battery and assault, malicious mischief, runaways and juveniles out of control, drunks in public, lewd and obscene telephone calls, and traffic citations (mostly speeding and parking violations).

There have been decreases in animal control complaints, the number of stolen bicycles, reports of prowlers, and requests for assistance from outside agencies.

'Space Week' to end with lecture tonight

A week-long observance of "U. S. Space Week" in the Indian Wells Valley will conclude tonight with a lecture on the future of space exploration by Walter L. Hurd, Jr. Hurd, a brigadier general in the U. S. Air Force Reserve, and manager of product assurance at the Lockheed Missiles & Space Co.'s Space Systems Division, Sunnyvale, Calif., will discuss the next 50 years of space exploration.

An acknowledged outstanding authority on this subject, the speaker will illustrate his talk with colored film slides. The presentation will begin at 7:30 p.m. at the Cerro Coso Community College Lecture Center. Nine different engineering associations

and Cerro Coso College have co-sponsored the special week-long celebration which coincided with the Apollo-Soyuz manned space flights. These groups that have joined together to form the High Desert Engineering Association (HDEA) are:

The American Institute of Aeronautics and Astronautics, American Society of Civil Engineers, California Society of Professional Engineers, Institute of Electrical and Electronic Engineers, American Institute of Chemical Engineers, American Society of Mechanical Engineers, American Society of Quality Control, American Defense Preparedness Association, and the Society of Logistic Engineers.



Capt. Douglas S. Hawkins

Capt. Hawkins now Air Force Liaison Officer with VX-5

Capt. Douglas S. Hawkins reported to VX-5 recently to assume duties as the squadron's Air Force Liaison Officer.

A 1967 graduate of the USAF's Military Academy at Colorado Springs, Capt. Hawkins comes to China Lake from Nellis AFB in Las Vegas, Nev. While at Nellis AFB, he was the A-7 Test Project Officer with the 422nd Fighter Weapons Squadron.

The new arrival is a graduate of Madison County High School, in Virginia. He earned his pilot's wings at Webb AFB in Big Spring, Tex.

The new VX-5 Air Force Liaison Officer and his wife, Nancy, have two sons. They are Scott, 6, and Keith, 3.

Signups under way at Youth Center for sports programs

Registration is now being held at the NWC Youth Center for a free bowling clinic that will be held on Fridays from 9 to 11 a.m., beginning on Aug. 1.

The clinic, which will take place at Hall Memorial Lanes through Friday, Aug. 22, is limited to 30 persons.

Applications are now being accepted from both girls and boys for a 3-on-3 basketball league. Competition will be divided according to age levels from among those who register. A fee of \$2 per person will be charged.

Play will begin on Aug. 4 and continue through Aug. 22.

In addition, co-educational volleyball leagues are planned for boys and girls, 8 through 12 years of age. The volleyball competition will be held from Aug. 5 through 28 at the Youth Gym.

Games will be played on Tuesday and Thursday evening. Volunteer coaches are needed for this program.

For further information, contact Carol Hape by calling the Youth Center, ext. 2259.



TIPS FOR CYCLISTS — The bicycle rider is not a vanishing species, but he is on the endangered list. Look for him, especially when you, the four-wheel vehicle operator, are making a left turn.

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. 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 456 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-116, while those for all WO, WL and WS positions are defined in CSC Handbook X-118C.

Voucher Examiner, GS 540-2/3/4, PD No. 7117020, 817035, 817034, Code 0865, (2 vacancies) — This position is located in the Public Voucher Section of the Office of Finance and Management. Basic functions performed relate to settlement of travel claims for Center military and civilian personnel. Incumbent will examine, audit, determine eligibility for payment of expenses, and compute entitlements on travel claims, etc., presented for payment. Will also aid travelers in preparation of their itineraries. Supervisory advice and instructions are readily available on more difficult vouchers. Job Relevant Criteria: Ability to type efficiently and accurately, ability to get along with others in work group, ability to work rapidly and accurately, reliability and dependability. Promotion Potential: GS 5.

Military Pay Clerk, GS 545-2/3, PD No. 7110712, Code 0865 — Incumbent examines routine pay authorizations and determines entitlements for a variety of types of pay, allowances, allotments, and collections. Maintains the pay records for active duty Armed Forces personnel, provides advice on military pay system. Job Relevant Criteria: Ability to work accurately and efficiently, ability to deal effectively with people, ability to apply military pay regulations. Promotional Potential — GS 4.

Mechanical Engineer, GS-430-12, PD No. 7537058, Code 37378 — This position is head, Applied Engineering Section, Range Optical Development Branch. Primary function of the section is to design, develop, fabricate and maintain improved systems for optical tracking and recording instruments for obtaining test data. Incumbent is responsible for overall coordination of the work and liaison with other groups off Center and at NWC. Job Relevant Criteria: Broad engineering experience, preferably including design and analysis of tracking mounts, cine-theodolite systems and optical systems. General knowledge of test range operations and data gathering systems.

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

Electronics Engineer, GS 655-12, PD No. 756017E, Code 4023 — This position is that of head of the Engineering Development Branch, Earth and Planetary Sciences Division, Research Department. Incumbent is responsible for the planning, coordination and execution of the engineering and administrative activities related to the

(Continued on Page 7)



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
 1700 fulfills Sunday obligation 0700 0830 1130

BLESSED SACRAMENT CHAPEL
 MASS
 Daily except Saturday 1135

CONFESSIONS
 Saturday 1615 to 1645
 Sunday 0800 to 0825

RELIGIOUS EDUCATION CLASSES
 Sunday Kindergarten thru 6th grades 1015
 Pre-school 1130
 Wednesday First thru sixth 1530
 seventh & eighth 1900
 (Junior High)

Above classes are held in Chapel Annexes across from 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 2000

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



ASSEMBLYMAN CHIMBOLE VISITS NWC — Larry Chimbole, California State Assemblyman from District 34, is shown receiving a model of a HARM missile from Rear Admiral R. G. Freeman III, NWC Commander, during a visit the legislator paid to China Lake on July 16. The ex-mayor of the City of Palmdale spent the entire day at the Center receiving detailed briefings and orientations on the work and mission of NWC. That same evening he attended the farewell party for R. A. Harrison as the guest of H. D. Parode, NWC's Public Information Officer. While in the local area, Assemblyman Chimbole spoke to the Chamber of Commerce in Ridgecrest, met with constituents, and was a guest speaker at the weekly Kiwanis and Rotary Club luncheons.

Promotional opportunities...

(Continued from Page 2)

program such as preparation of budgets and program plans. Incumbent appraises management of technical progress and status of the program. Job Relevant Criteria: Experience in weapons systems development and project management, knowledge of weather modification techniques, materials and applications, ability to supervise. Promotion Potential: GS-13.

Clerk-DMT, GS-316-3/4, PD No. 7580037, Code 0801 — This position is located in the Word Processing Center, a centralized dictation-transcribing unit, of the Office of Finance and Management. The incumbent will transcribe memoranda, statistical reports, forms, etc. that have been dictated onto magnetic belts or from rough drafts. Incumbent then records material onto magnetic cards using Mag II or Executive Mag Card typewriter, prepares material into final copy, maintains card library, monitors records. Job Relevant Criteria: Ability to meet deadlines under pressure, ability to get along with others in work group, ability to work rapidly and accurately, knowledge of magnetic media required, ability to type efficiently and accurately.

File applications for the above with Tina Lowe, Bldg. 34, Rm. 206, Ph. 2723.

Supervisory Accounts Maintenance Clerk, GS-520-5/6, PD No. 7470013, Code 7052 — This position is that of head, Accounting and Records Section, Occupant Support Branch, Housing Division. Incumbent plans, directs, assigns and coordinates work of three employees in rent collections and record sections of the branch. Is responsible for supervising computation, collection, depositing, and reporting of monies to insure compliance with specifications stated in Navcomp manuals. Housing administration manual and Accounting handbook for collections. Job Relevant Criteria: Knowledge of housing policies and procedures. Ability in oral and written communications. Knowledge of uses and capabilities of electric accounting machines. Knowledge of capabilities of computer systems.

Quality Inspection Specialist, GS-1960-5/7, PD No. 7470005-3, Code 7082 — (temporary not to exceed one year). Incumbent is responsible for specifications, inspections, and certification for payment on selected service contracts in support of NWC Facility upkeep. Is responsible for contractor performance on site to validate compliance with contract requirements. Coordinates schedules with contractor and NWC. Job Relevant Criteria: Ability to inspect and administer Maintenance Service Contracts such as refuse, streets and landscapes. Ability to apply good judgement and tact in analyzing work to be accomplished by contractors and in dealing with NWC personnel at various levels. This position might become permanent.

Refrigeration and Air-Conditioning Mechanic Helper, WG-5304-05, JD No. 159-1, Code 70433 — Assists journeyman in duties involving primarily installation, repair and replacement of gas fired heating equipment, refrigerated and evaporated air conditioning, and ventilating equipment. Incumbent will be participating in a Pre-Journeyman Development Program.

Electronics Mechanic (Maintenance), WG-2463-11, JD No. 238-1, Code 70431 — Performs trouble shooting and repair of industrial equipment with electronic controls or instruments. Installs, maintains, and repairs standard electrical equipment and various electronic equipment such as electronic security sets, ultra-sonic burglar alarms, electronic message senders, recorders, recording meters, public address systems, intercommunications systems, pre-amplifiers and generator controls.

File applications for the above with Terry Rowell, Bldg. 34, Rm. 212, Ph. 2022.

Clerk-Typist, GS-322-4 WAE, PD No. 7440173, Code 4002 — This position is located on the Staff, Aircraft Systems Department. The incumbent will work on an "as needed" basis in various locations throughout the department. The incumbent performs various clerical duties such as maintaining files, answering telephones, receiving visitors, preparing timecards and typing from rough draft or handwritten copy official correspondence as well as various forms used in the department. Job Relevant Criteria: Ability to type efficiently and accurately. Knowledge of NWC clerical and filing procedures. Must possess telephone and receptionist skills.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

Electronics Engineer, GS-855-7, 9, 11, 12, PD No. 7545075, Code 4547 — This position is located in the Terrain Denial

Weapons Branch of the Propulsion Development Department. The incumbent serves on a project team which designs and tests electronic subsystems. He makes calculations to predict performance or design parameters, determination of loads and stresses, evaluates test and supervises technicians and draftsman. Job Relevant Criteria: Experience in design of digital and analog circuits as applied to weapon sensors and fuse signal processing and familiarity with integrated circuit design and manufacturing principles is desirable.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Editorial Assistant, GS-1087-5, PD No. 7355108, Code 5502 — This position is located in the Air and Surface Launched Weapons Branch, Fleet Engineering Division, Engineering Department. The incumbent edits and prepares manuscripts for technical reports, publications, technical memoranda, etc. Incumbent makes recommendations to authors to change sentence structure for consistency and clarity, and plans the integration of tables, graphs, and illustrations into publications. Job Relevant Criteria: Incumbent must have a comprehensive knowledge of punctuation, spelling, and grammar. Ability to type from dictating machines and skill in the use of magnetic tape and/or card controlled typewriters is required. The incumbent must be familiar with editorial directives and guidelines affecting Navy publications and aware of NWC format policies.

File applications for the above with Carol Downard, Bldg. 34, Rm. 204, Ph. 2925.

Job Vacancies
 Supervisory Property Marketing Specialist, GS-1104-13, Duty Station: Defense Property Disposal Region-Ogden, Utah. — SF-171 should be forwarded to Civilian Personnel Office, Defense Property Disposal Region-Ogden, P.O. Box 22, Defense Depot, Ogden, Utah, 84407. File under recruitment No. PE 2881 no later than Aug. 29, 1975.

Supervisory Personnel Management Specialist, GS-201-13, located at Defense General Supply Center, Richmond, Va. — Interested and qualified candidates should submit SF-171 to Defense General Supply Center, Attn: DGSC-KE, Richmond, Va., 22297 no later than Aug. 8, 1975.

Training Instructor/Information Specialist, GS-1712-12 or GS-13 for the Defense Industrial Security Institute, Richmond, Va. — Submit SF-171 to the Defense General Supply Center, Attn: DGSC-KE, Richmond, Va., 22297 no later than Aug. 8, 1975.

Contact Betty Geiser, Code 452, Ext. 2657/2669 for information related to duties of these positions.

Job Opportunity
 Cook, NA-7404-08, (\$3.97 p/h). Commissioned Officers' Mess (Open), PD No. 110 — This is not a Civil Service job. Prepares, seasons, and cooks soups, meats, vegetables, desserts and other foods. Adjusts thermostat controls to regulate temperature of ovens, broilers, grills and steam kettles. Carves meats, portions food on serving plates, adds garnishes, gravies and sauces to fill orders. Desirable Qualifications: A minimum 5 years of experience as a Continental cook. Ability to prepare a wide variety of fish, fowl, meats, and sauces. Knowledge of food service equipment.

File applications for the above with Dora Childers, Bldg. 34, Rm. 212, Ph. 2676.

High school play to open next Thursday

The Burroughs High School Summer Players, directed by Alan Kubik, instructor of drama, will present "Trilogy of Theatre" on July 31, Aug. 1 and 2 at the high school Lecture Center.

The trilogy refers to three student-directed one-act plays. Curtain time is 8:15 p.m. on all three dates.

Admission is \$1 for all. Tickets can be purchased in advance from cast and crew members or at the Lecture Center door on performance nights.

Employee in the spotlight

What has physics got to do with geology or spiders?

Although there may be some connection, it's very slight. But don't tell J. Kenneth Pringle that. He's managed to mix the first two fields quite well for a number of years, and for the past two years, he's been shuffling the study of arachnids in amongst the other two.

Ken, who may be better known in the valley as the co-author of "Rock Art of the Coso Range," published a couple of years ago by the Maturango Museum Press, works as a physicist with Dr. Carl Austin in the Research Department's Petrodynamics Branch.

Anyone who works with Dr. Austin had better be interested in geology or he's going to be ignored. At the present time, there are only three geologists on the Center — Dr. Austin, Dr. Pierre St.-Amand, and Ken.

Ken started out fully intending to be nothing but a physicist. Following his graduation from Weber High School in his home town of Ogden, Utah, he attended Weber College for two years and then entered the U. S. Army.

After his honorable discharge in 1955, Ken returned to Brigham Young University at Provo and received a bachelor's degree in physics in 1957. For the next 2½ years, Ken studied for his master's degree. Then, in February 1960, he came to work at China Lake as a physicist in the Earth and Planetary Sciences Division under none other than Dr. St.-Amand.

Helped on Seismic Survey
 "I was put into a partly geological field right away, at first working with night sky photometry, then helping on a seismic survey of the valley," Ken explained. He also made studies of the ozone concentration in the atmosphere, checking as far north as Ely, Nev.

Ken really got interested in the field of geology when he began working on a supposed meteor crater in Panamint Valley. He was enrolled in a class in mineralogy at the Desert Campus of Bakersfield College (now Cerro Coso Community College), where he met Dr. Austin, who was the instructor. Not long after that, Ken transferred into Dr. Austin's group. "One of the first things I did there was perform a survey of the various rock types on the Center," Ken recalled.

Nowadays, he's really more of a geologist than he is a physicist. Right now, he's looking at the inter-action between geological materials and certain types of warheads, but, as he explains, that's more geology than it is physics.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2393.

Supervisory Accounts Maintenance Clerk, GS-520-5/6, PD No. 7470013, Code 7052 — This position is that of head, Accounting and Records Section, Occupant Support Branch, Housing Division. Incumbent plans, directs, assigns and coordinates work of three employees in rent collections and record sections of the branch. Is responsible for supervising computation, collection, depositing, and reporting of monies to insure compliance with specifications stated in Navcomp manuals. Housing administration manual and Accounting handbook for collections. Job Relevant Criteria: Knowledge of housing policies and procedures. Ability in oral and written communications. Knowledge of uses and capabilities of electric accounting machines. Knowledge of capabilities of computer systems.

Quality Inspection Specialist, GS-1960-5/7, PD No. 7470005-3, Code 7082 — (temporary not to exceed one year). Incumbent is responsible for specifications, inspections, and certification for payment on selected service contracts in support of NWC Facility upkeep. Is responsible for contractor performance on site to validate compliance with contract requirements. Coordinates schedules with contractor and NWC. Job Relevant Criteria: Ability to inspect and administer Maintenance Service Contracts such as refuse, streets and landscapes. Ability to apply good judgement and tact in analyzing work to be accomplished by contractors and in dealing with NWC personnel at various levels. This position might become permanent.

Refrigeration and Air-Conditioning Mechanic Helper, WG-5304-05, JD No. 159-1, Code 70433 — Assists journeyman in duties involving primarily installation, repair and replacement of gas fired heating equipment, refrigerated and evaporated air conditioning, and ventilating equipment. Incumbent will be participating in a Pre-Journeyman Development Program.

Electronics Mechanic (Maintenance), WG-2463-11, JD No. 238-1, Code 70431 — Performs trouble shooting and repair of industrial equipment with electronic controls or instruments. Installs, maintains, and repairs standard electrical equipment and various electronic equipment such as electronic security sets, ultra-sonic burglar alarms, electronic message senders, recorders, recording meters, public address systems, intercommunications systems, pre-amplifiers and generator controls.

File applications for the above with Dora Childers, Bldg. 34, Rm. 212, Ph. 2676.

Youth Center slates hunter safety class

A Hunter Safety Course, sponsored by the Special Services' Youth Center and a training team from the Sierra Desert Gun Club, will be held tomorrow and Sunday at the club's firing range on Sportsman Rd.

Everyone applying for a California hunting license for the first time, including military and new residents, must first have a Certificate of Proficiency. This course is designed to provide the student with the necessary qualification to obtain a hunting license. Students will also be instructed in survival, care of game and game conservation.

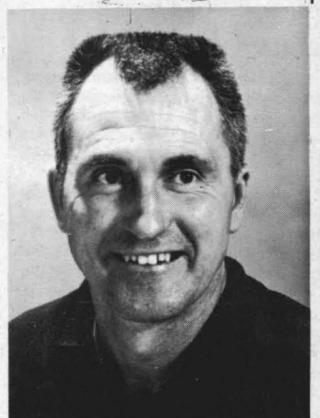
Mike Ralles will serve as chief instructor. He will be assisted by six other qualified instructors.

Class enrollment is limited to 50, and a 50 cent fee must be paid at the first session. Sessions must attend both sessions.

Sessions will begin on both days at 11 a.m. and will last at least 4 hours each day. For further information contact Carol Hape, ext. 2909 or ext. 2259.

Record hop set tonight
 Thomas Pepper will show up with his fabulous collection tonight at the Chaparral Club to stage a record hop that begins at 9 o'clock.

In addition, Pepper will return on Sunday to again play his hundreds of hit songs.



J. Kenneth Pringle

Ken became involved in helping to write "Rock Art," through Jim Baird, one of the co-authors. "Jim and I were looking into ways to preserve the thousands of petroglyphs located on the Center," Ken said. "Because of my connection with the Maturango Museum (he was a board member), I already was into cataloging sites and marking down locations of petroglyphs when a man named Campbell Grant contacted the Center and asked if he could do some similar work in Big and Little Petroglyph Canyons," Ken said.

A contact with Grant was made, and the idea for the book was evolved. Grant is also a co-author. "We decided that the only way to preserve the rock art was through photography," Ken said, referring to the book that contains many hundreds of photographs of the primitive rock art. Ken claims his days as an author may be revived. "I hope to do a book about the various kinds of spiders that can be found in the local area," said the man whom kids call "Spider Man."

Danger Exaggerated
 Ken noted that spiders are not as dangerous as people think. "Less people die each year from spider and snake bites than from bee stings," he pointed out.

Ken is the father of six children. They are Darl Keith, 15, who will enter his junior year at Burroughs High School in the fall; Roxon, 14, who will be a freshman at BHS; Natawni, 11, a seventh grader; Kyle Ian, 10, a member of the fifth grade; Shimene, 8, who will enter the third grade, and Kirsten, 7, a second grader in the fall.

In addition to his interests in geology and spiders, Ken also likes fooling around with model trains. He does some prospecting from time to time and, with Dr. Austin, owns a gold mine ("non-producing type," he grinned).

He was a member of the Maturango Museum's board of directors for six years, during which time he served as secretary, and has belonged to the China Lake Optimist Club for many years. With the latter group he served for three years as the Bicycle Safety Week campaign chairman.

For nearly eight years, Ken was a seminary teacher for the Ridgecrest Church of Jesus Christ of Latter Day Saints. In addition, he has taught Sunday School at the church and served as an area State Missionary for five years.

He also is a member of the Research Society of America and the American Crystallographic Society.

CPO Club plans dance
 The Hot Shots, a Los Angeles-based dance group, will play tonight at the Chief Petty Officers' Club from 9 o'clock until 1 a.m.

George "Barney" Barnard, club manager, also pointed out that tickets for the annual CPO Luau are now on sale. They are priced at \$8 per person.

"We have an authentic Polynesian group coming here to provide the entertainment, and all seating will be sold in advance," Barney said. The luau will be held on Saturday, Aug. 9.

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
 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 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



By Jack Lindsey

The 1975 Fast Pitch Division of the China Lake Intramural Softball League will wrap up play next week.

As evidenced by the standings, this has been the most evenly balanced division in the league this year. Three teams are within two games of one another. Western Auto currently leads the division with an 11-4 record, while the Roaches have won 10 games and lost 5 and John's Pizza has posted a 9-6 record thus far.

According to Wilt Wyman, at the beginning of the season all the better players and pitchers were encouraged to join separate teams so that one team would not dominate play. This formula has helped to improve the entire division.

Playoffs between the top four teams in the Women's Division and the top four teams in the Slow Pitch Division will begin next week. Leading the slow pitch are Bird Olds and Mayflower Movers (American) and the James Gang, Stare Montagne and Dispensary (National).

Comarco and Nash Calculators (American) and SBS Concrete and the Zingbats (National) will probably be the four playoff teams from the Women's Division.

Both playoff tournaments will be double elimination events and should provide plenty of thrills and excitement for spectators.

Persons who want to know exact dates of the playoff games, including times and locations, should call Wyman at NWC ext. 2334.

Kegler leads state event

Jan Gieger, a 174 average bowler at Hall Memorial Lanes, wants to move to Stockton.

While competing in the men's state bowling tournament held at the Westlane Bowl in that city, Gieger racked up his first 700-plus series and is now in first place in the singles competition in the tourney.

The local kegler posted games of 217, 246 and 268 for a 731 scratch series and an 803 total when his 72-pin handicap was added.

Men's Golf Club championship slated

Entries are now being accepted for the prestige tournament of the year — the China Lake Men's Golf Club championship.

The event will be held on Aug. 16, 17, 23 and 24 on the local links. Larry Cardinal, tournament director, has come up with a new wrinkle this year for the championship and presidential flights. The low 16 gross scores after the close of the first 18 holes will move into match play for the second day. The eight match play winners will then compete in the championship flight, while the eight losers will be placed in the presidential flight for the third day of the tourney.

First and second flight competition will remain the same as in the past — stroke play the first weekend and match play on the second two days.

On the final day of competition in the top two flights the four match play winners will meet in the first 18 holes of head-to-head golf in the morning. The two finalists will then compete in a second 18 holes of golf on Sunday, Aug. 24, to determine the winner.

What this means is the 1975 club champion will have survived 18 holes of stroke play and another 72 holes of match play. Cardinal pointed out that due to the extensive preparations that will be required to stage this tournament, the deadline for entries is 5 p.m., Wednesday, Aug. 13. "There will be absolutely no exceptions," the tournament director stated.

A sign-up sheet is located in the clubhouse. Entry fee is \$5 per person.

NWC entry wins MDISL softball tourney

John King's fast pitch softball team wrested the Mojave Desert Inter-Service League crown from the Edwards AFB team to put the Naval Weapons Center out front in the MDISL overall standings for 1975.

The NWC all-stars clobbered the George AFB squad in the opening game on Saturday, 12-3, and dumped Edwards AFB, 6-2, in the second game of the tournament.

In the championship tilt on Sunday, the local squad faced Edwards for a second time and won, 10-4.

Bert Andreassen was NWC's winning pitcher in the opener. He held the George squad to only three hits while striking out six batters. Greg Bishop was the hitting star for the local team. He went 3 for 4 at the plate, including a home run and a triple.



CHINA LAKE ELIMINATED — Local ballplayer Greg Bell reaches for a throw while teammate Dave Wooten (in background) runs to help him during the game last Friday between the China Lake Little League All Stars and their counterparts from Bishop. The Bishop squad won the game, 6-1, and eliminated the China Lakers from further competition in the Area One Little League tournament held at Independence. The Ridgecrest Little League team won the championship game from Bishop the following night by a score of 26-1. Ridgecrest pitcher Roman Revels throttled the Bishop squad while his teammates were racking up 22 hits, including 7 home runs. Steve Meyers hit three round-trippers and Dave Paradise socked two out of the park, while Dean Stafford and Tim Dominguez hit one homer each. In all, the Ridgecrest All-Stars pounded out 41 hits and scored 40 runs during their two games at Independence. The team met Quartz Hill last night at Bishop in the first game of the Little League District 51 finals and lost, 12-5.

Farkel Family's 2-yr. softball string broken

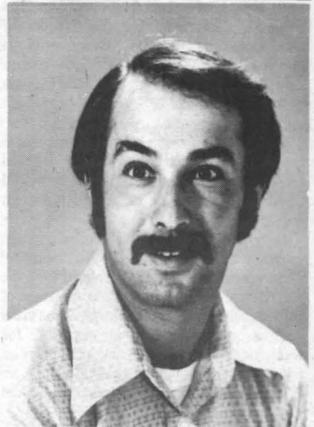
Somebody has at last broken the Farkel Family's unbeaten, untied softball string over the past 2-1/2 years of competition.

No, they weren't beaten, but the Coors Engineers tied the Farkel Family nine, 6-6, during competition in the Recreation-Umpire League on July 16.

The "Beer Boys" had to come from behind in the top of the seventh inning and scored four runs to knot the count. The game was finally called because of time with the score still tied at 6-6.

The Farkel Family has had a phenomenal run. The team has been undefeated the last two years in a row and has run away with the Recreation League title (formerly the Beer League) each year.

Nothing's really changed, though. The Farkel Family softballers are running away with the title again this year.



BERNIE WASSERMAN will share the "Athlete of the Month" honors during July with Line Scanlan. The left-handed tennis whiz recently won the singles title in the MDISL tournament and teamed up with Gary Fry for the doubles crown. Earlier this year, Wasserman won the singles event in the first tournament of 1975 held by the China Lake Tennis Club. In past seasons, he's been runner-up many times in both singles and doubles competition. In addition — with Fry — he has won a number of CLTC doubles titles. A native of New York City, Wasserman, who is a chemist on detail to Code 5516, began playing tennis at the age of 10. During his high school days at Stuyvesant High School and while a student at New York City College he competed in many state and city tournaments and has won a number of New York Borough titles. He also plays golf (his handicap is 9), softball and basketball. Wasserman, a member of the CLTC for the past five years, served as tournament director for the club in 1974.

Mike Stoner was 2 for 4 with a triple, and Ted Dominguez and Ralph Stalnaker also picked up 2 hits in 4 trips to the plate.

In the 6-2 victory over Edwards AFB, Ted Dominguez was the winning hurler. He allowed 7 hits. Top batters for the local squad were Mark Stoner (3 for 4), Mike Stoner (2 for 3), and Greg Bishop (2 for 4).

Dominguez also pitched the championship game. He allowed 8 hits and 3 earned runs while batting 3 for 4 at the plate. Bill Stuart and Bishop also were 3 for 4, and each had a triple. Mike Stoner got 2 hits in 4 trips to the plate during the MDISL title clash.

Bishop was the tourney's leading batter with a .667 average that included 1 homer, 2 triples, 5 singles and he also scored 6 times. Mike Stoner hit at a .545 clip, while Dominguez batted .500 in the tourney.

The NWC team totals were 28 runs, 35 hits, and a team batting average of .361.

The victory gives China Lake a solid advantage in the overall MDISL standings with only slow pitch softball, golf, and the minor sports carnival remaining in 1975. NWC has a total of 68 points while runner-up March AFB has 63 points. George AFB is third with 56 points.

However, March AFB leads the team sports competition, 41 to 38. The flyboys won the basketball and volleyball, and were third in softball. NWC is currently in first place in the individual sports, after winning the bowling and tennis competition. Wilt Wyman, NWC director of athletics, feels that the local team has a good chance to win the golf competition which will be held here Sept. 24 through 26.

The next tournament will be the slow pitch softball competition Aug. 8 through 10 on the local ball diamonds.

Wilt's Corner

Tiny tots' swim classes offered

A swimming class for tiny tots and children through 12 years of age will begin on Monday, Aug. 4.

The sessions for tiny tots will run on Mondays and Wednesdays from Aug. 4 to Aug. 27. Youths between 5 and 12 years of age will meet on Tuesdays and Fridays from Aug. 5 through 29.

Tiny tots' classes are divided according to age in the following manner: 6 to 18 mo. old, 9 to 9:30 a.m.; 18 mo. to 2 1/2 years old, 9:30 to 10 a.m.; 2 1/2 through 4 years of age, 10 to 10:30 a.m.

Youths who are 5 and 6 years old will swim from 8:30 to 9:15 a.m., while those between the ages of 7 and 9 years will have the pool from 9:15 to 10 a.m. The remaining time (10 to 10:45 a.m.) will be for 10 to 12-year-olds.

A fee of \$6 per child will be charged the tiny tots. The fee for the youth class is \$8 per child. Registration is currently being held at the gymnasium from 9 a.m. to 2 p.m., Monday through Friday.

Pool Hours Repeated

Once more I would like to point out the new hours at the gymnasium swimming pool. The facility is open to all from 1 to 6 p.m., Monday through Thursday, and on Friday from 1 to 9 p.m. on Saturday and Sunday, anyone may swim from 1 to 6 p.m.

The pool is reserved for adults only from 11 a.m. to 1 p.m., Monday through Friday, and from noon to 1 p.m. on Saturday and Sunday. Women only may swim on Monday nights from 6 to 9 o'clock.

The 11th Naval District has announced that its Men's Open and Senior golf championships will be held Aug. 11 through 15 at the Naval Support Activity, Long Beach.

Area eliminations will be held that week to reduce the field to 40 open and 16 senior players to compete in the district championships Aug. 18-22 at San Diego.

The Women's championships will be held at Mission Gorge in San Diego from Aug. 18 to 22.

EEO Committee seeks interested Center employees as members

Center employees who feel they would like to make a contribution to NWC's Equal Employment Opportunity (EEO) program are now being offered a chance to volunteer for consideration as nominees for EEO Committee membership.

Rear Admiral R. G. Freeman III, NWC Commander, has been designated as the Center's EEO Officer. As such, he has the responsibility for NWC's program to provide equal opportunity to all qualified persons.

To get emergency ambulance service, call Fire Division

Personnel on the Naval Weapons Center in need of ambulance service are asked to call the Security Department's Fire Division — NWC ext. 3333 — rather than the NWC Dispensary.

Calling the Dispensary can result in a delay in obtaining the emergency vehicle. This happened recently when a military dependent was injured.

Naval Weapons Center Instruction 6300.1D, issued March 19, 1974, spells out the details concerning emergency medical and ambulance services available to both military and civilian personnel at the Naval Weapons Center.

In addition to those eligible for emergency ambulance service, military personnel and their dependents will be provided with this service in non-emergency cases, both on and off NWC.

Fire Division ambulance attendants have been trained beyond Rating I of the Emergency Medical Technician field and determine on the scene — on a case by case basis — the medical facility to which an injured person should be transported.

For their own protection and information, all Center personnel and their dependents are advised to become knowledgeable about the content of NAVWPNCENINST 6300.1D.

Centerites fill varied NSAP assignments...

(Continued from Page 1) different occasions) was sent to Vietnam as a consultant on defense suppression tactics.

In this assignment, Schiefer will be primarily concerned with those aspects of COMOPTEVPOR's projects where laboratory/center resources can be brought to bear to assist in performing better test and evaluation.

Dr. Fisher, head of the Surface Missiles Departments' Surface Systems Division, will leave China Lake this summer to work as a Science Advisor to the Commander, Third Fleet in Hawaii. A supervisory electronic engineer who spent 10 years at the Corona Laboratory before joining others who moved to China Lake, Dr. Fisher will be involved in a variety of technical problems relating to tactics and their development, Fleet readiness, and training. Mission areas expected to be emphasized

are related to anti-ship missile defense, anti-air warfare, and anti-submarine warfare.

Miller, head of the Propulsion Development Department's Propulsion System Division, left here in June to serve as Science Advisor to the Commander-in-Chief, Atlantic Fleet in Norfolk, Va. Miller is the first Science Advisor attached to this command and initially will be heavily involved in educating command personnel to the scope and capabilities of the Naval Material Command's labs and centers. The broad responsibilities of CINCLANTFLT will require his services in a wide variety of problems related to technology, resource management, and tactical development and evaluation.

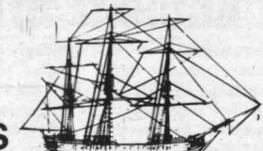
Now Serving in Korea Rue, a systems analyst in the Systems Concept Branch of the Air Weapons Department's Weapon Systems Division, has left for Seoul, Korea. Another ex-Coronan, he made the move to China Lake in October 1969 as part of the former Missile Systems Department.

Rue's assignment as a Laboratory Representative to the Commander, Naval Forces Korea, will take full advantage of his breadth of analysis capabilities. He will be required to address a broad spectrum of analysis relating to weapons selection, as well as help improve the Korean Navy's own analysis capabilities by providing on-site leadership and guidance to his Korean counterparts.

Murphy, head of the Systems Development Department's Weapon Systems Division, departed from the Naval Weapons Center last September bound for the Orient to serve as the first NSAP Science Advisor assigned to the Joint U.S. Military Assistance Advisory Group Taiwan. His

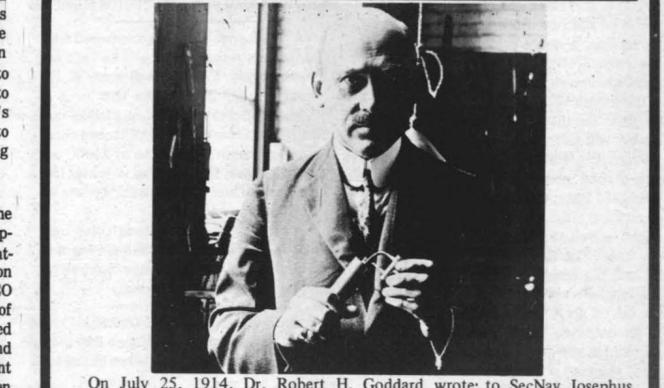


Dick Murphy



U.S. NAVY'S 200th BIRTHDAY 1775-1975

These important events in the history of the U.S. Navy are recounted here for the purpose of calling attention to the U.S. Navy's 200th birthday on Oct. 13, 1975, as the entire nation prepares for the Bicentennial observance during the year 1976.



On July 25, 1914, Dr. Robert H. Goddard wrote to SecNav Josephus Daniels proposing a "Rocket Apparatus" with which to attack airplanes. While this particular "apparatus" did not become effective during World War I, Goddard's continued work with rockets laid the groundwork for modern military missiles and for the nation's space program. The role of rockets in NWC's history is exemplified by its early nickname of "the rocket base at Inyokern."

Ray Harrison to leave...

(Continued from Page 1) generalistic system of personnel management was developed and successfully implemented by Harrison at NWC. This system, it was added, is serving as a model that other Navy activities are following in ever increasing numbers.

Harrison also was commended for his insight which led to combining personnel administration principles and involving concepts of behavioral sciences into a meaningful contributing program for personnel management.

"These achievements," it was noted on the Meritorious Civilian Service Award citation, "are indicative of the leadership you have always displayed in developing creative responses to new and unusual challenges in the field of personnel administration."

How Harrison's co-workers in the Personnel Department feel about him was summed up by the following: "Ray has just been great to work for. Others talk and write about participative management, but Ray has lived it. He has encouraged initiative and innovation and has patiently waited through the mistakes to arrive at the real growth and development that such a style produces."

"He has served as a fine example to all on the staff who would hope to be personnel officers themselves. He has very successfully avoided the division factionalism that has been characteristic of so many organizations, and has instead built a staff that really pulls together."

"He will be missed by everyone in Code 65."

GEBA assessments due

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following two deaths that occurred last week in Colorado.

Paul Thomas, more than 70 years old, died on July 16. He was a retired employee of Code 70432. Charles Joy, 73, a former employee in Code 70411, died on July 19.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay these latest assessments, which are Nos. 339 and 340.

Mason also urged that GEBA and CLMAS members check to make sure that up-to-date information regarding their beneficiaries is on file.



Bill Baer

Ancient bristlecones are a sight to behold

By Kenneth H. Robinson
 When Cheops' Great Pyramid in Egypt was begun, some still-living trees in Inyo County were already over a century old. These venerable trees are an easy one day round trip from the Indian Wells Valley. Summers only; usually the season lasts from late June to mid-September.

The trees are the bristlecone pines (*Pinus aristata* — recently renamed *longaeva*). Their great age was only discovered in 1956 by Dr. Edmund Schulman, a tree ring specialist from the University of Arizona.

Travel Directions
 The bristlecone pines grow in the White Mountains, a range on the eastern side of the Owens Valley. Drive to the town of Big Pine up Highway 14, about 105 miles north of the Indian Wells Valley. Allow two hours for this; the drive to the Bristlecone Pine Forest will take about another hour.

From Big Pine, travel east on a well-paved road about 12 miles to the top of Westgard Pass; this was the route of an old mining toll road where cows, chickens, and ducks as well as people had to pay a set fee per head. The elevation is now about 7,500 ft., and the forest is juniper and pinyon.

A large Forest Service sign directs you to the left; a short distance further you come to an entrance station. Here you will be checked in and given a brochure describing what you may or may not do while visiting the Bristlecone Pine Recreation Area.

The good paved road continues upward and you will probably stop at Sierra View, elevation 8,500 ft. Here you look across the Owens Valley, Bishop at your feet, at almost 100 miles of the Sierra Nevada. Two



Weather-sculptured Spire
 fine bronze plaques point to all the visible peaks. To the east, Deep Springs and the ranges of Nevada are visible.

This is one of the finest mountain range views in California attainable by a paved automobile road. A Forest Service camp, Grand View, is located near here. It is a dry camp, but is the only camping area near the bristlecones.

Leaving Sierra View, another 500 ft. climb in altitude brings you to 9,000 ft. and the first bristlecones. They can be recognized by the small young cones which are a definite bluish purple in color. Another mile or two brings you to the end of the paved road, 10,000 ft. in altitude, and the headquarters of Schulman Grove. Rangers are in at-

tendance here; there is a good glassed-in display, picnic tables, and toilets.

A short walk of about 1/2 mile from the headquarters area takes you to a single 4,000 year old tree, Pine Alpha. This is the only very old tree visited so easily, although those bothered by altitude will find even this short trip to the first very old tree discovered enough of a walk.

For the sound of limb and wind, a good trail without too many ups and downs leads to a remote canyon called Methuselah's Walk. In this area are over 40 living trees more than 4,000 years old. Here is found the

A Maturango Museum-sponsored trip to the bristlecone pines will be held on Sunday, Aug. 3. Museum director K. H. Robinson will conduct the trip.

Those interested in taking part in the outing will meet at the Bristlecone Pine sign just north of Big Pine at 9 a.m. on Aug. 3. They should bring a lunch for themselves and be sure that their car is functioning well.

A prize of a polished slab of bristlecone will be awarded during the trip. Museum members may feel free to invite neighbors and friends.

tree Dr. Schulman named "Grandad." It is more than 4,600 years old. Round trip to this area is about 3 1/2 miles and takes at least 2 1/2 hours.

For those with 4-wheel drive vehicles and five good tires, a rough, steep dirt road continues another 20 miles to higher altitudes. The largest bristlecone, the Patriarch, is located here near timber line, which is a little over 11,000 ft.

What To Take With You

Your car should be in good shape and you should have four good tires and a functional spare. Be sure you have adequate gasoline; there are no services after Big Pine. Food and water must be taken for the trip or for camping at Grand View. At 10,000 ft. it is about 20 degrees cooler than the Owens Valley — a light jacket is recommended. There are occasional summer rain storms and the well prepared sometimes take a rain coat. Field glasses, cameras and a hand lens often add to your enjoyment.

The Forest Service definitely keeps the road open in July and August. If you want to visit earlier or later, it is wise to telephone the U. S. Forest Service Office in Bishop first. Late or early snows may make the road impassable. It can snow or rain heavily at any time during the summer, but ordinarily this does not prohibit a visit.

History and Discovery

Tree ring study in the arid west got its scientific start at the beginning of this century. Archeologists seeking good dates from wooden beams found in cliff dwellings sparked the research. A remarkable scientist, Dr. A. E. Douglass, began a serious study of tree rings, a science known as dendrochronology; he pursued this study for over 60 years. Headquarters for the research was the University of Arizona; old trees in Arizona and New Mexico were examined by the hundreds.

A master chart was developed which could date beams or sometimes even charred fragments of wood and establish the date of their cutting. No trees in the Arizona area were old enough for some of the fragments and it was not until about 1952 that the scientists were able to find a tree 1,650 years old.

One of Dr. Douglass' staff, Dr. Edmund Schulman, combed the western states areas, often with Dr. Frits Went of CalTech. In 1953, while returning from a trip to Idaho, they stopped to examine a tree in the White Mountains suspected to be very old. Using the hollow drill corer they established that the tree, now named the Patriarch, was about 1,500 years old. They reasoned that older trees would probably be in less favorable soil, so they combed the ancient limestone formations of the White Mountains. To their immense delight in 1956 the team found a living tree over 4,000 years old.

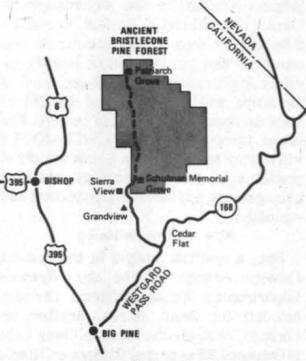
Dr. Schulman apparently worked too



IN THE BRISTLECONE PINE area on White Mountain can be seen the spectacular results of nature's handiwork on trees, many of which are more than 4,000 years old. These photos show not only the weathered pines, but the starkness of their surroundings at this location, where there also is a laboratory that is used for high altitude research on plants, animals and men. —Photos by Bill Fettkether

hard at high altitude, for just before his pioneering article appeared in the March 1958 issue of *National Geographic* he suffered a fatal heart attack. The grove is named in his honor.

During World War II, NOTS (alter NWC) had contributed to opening this White Mountain area. Astronomers in the Research Department studying the upper atmosphere needed a station on a high mountain. The Public Works Department bulldozed and blasted a passable (but



Map of General Area
 highly hazardous) 4 wheel drive road to the top of White Mountain Peak, elevation 14,252 ft. A base camp was built at Crooked Creek, elevation 10,000 ft., and a station at 13,500 ft. elevation.

After the war, these facilities were ceded to the University of California for high altitude research projects on plants, animals and men. The 13,500 ft. station is now named the Barcroft Laboratory.

Why the Great Age

The White Mountains differ in geologic history from the Sierra Nevadas. Although White Mountain Peak is only 253 ft. lower than Mt. Whitney, the White Mountains were once an undersea plain while the Sierra Nevadas are almost entirely igneous

and metamorphic rocks. The white colored rock is a form of limestone and gives a basic rather than an acid reaction when tested.

Bristlecone pines have adapted to the basic soil and have few plant competitors. They grow farther apart than most trees, so they suffer less forest fire damage. The tree can live on one single strand of bark and one major root. The bristlecone defies borers and termites with a pungent resin. Needles on the bristlecone may live as long as 30 years.

The trees waste little precious energy in growth; it takes 100 years or more to add 1 in. of wood in cross section. Heavy snows in winter provide protection and enough moisture, and in the growing season (4 to 6 weeks) the heavy cloud of golden pollen ensures the continued life of the species.

Dates Back 8,000 Years

Careful and painstaking tree ring research in the White Mountains by one of Dr. Schulman's successors, Dr. Charles Wesley Ferguson, has now established a master tree ring record of over 8,000 years. This record is possible because the very old fallen trees do not rot. One can go from the oldest rings of a living tree back to the corresponding rings of a long dead fallen tree and thus go far back in time.

A dated bristlecone pine fragment can also be compared with data given by a carbon-14 test. To the consternation of physicists, C-14 tests show large errors at a very critical time in archeological history — about the time of the Egyptian Pyramid building. Stonehenge may also be much older than previously dated. Other theories of the earliest cultures must be recast. The beginnings of tree ring research were to aid archeologists and the great age of the bristlecone pines have again led back to archeology, this time in an upsetting way.

The trip to visit these ancient monarchs can be a fascinating one. They are stubby, warped, twisted as few other trees. While

(Continued on Page 5)

Blood bank to pay regular visit to Elks' Club Tuesday

The Houchin Community Blood Bank from Bakersfield, which has increased the frequency of its visits to five times per year, will be back again on Tuesday afternoon. The mobile unit will be set up at the Ridgecrest Elks' Club, 301 E. Church St., between 2 and 6 p.m. on July 29. It is requested that persons whose last names begin with the initials N through Z make up the bulk of the donors at this time.

Pints of blood that are donated will be credited to the Indian Wells Valley's Advance Blood Fund. Donors (persons between 18 and 65 years of age) may designate to whom their blood is to be given, or contribute a pint of blood to the IWV blood bank for whoever may need it.

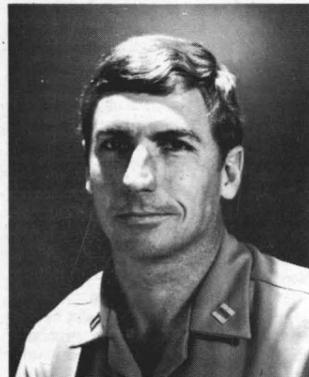
The advance blood fund is maintained for the use of anyone in the local area who needs blood as the result of an illness, accident or emergency. According to Kay Thoms, chairman, requests for blood have been received on behalf of Gary Haugen, an 18-year-old leukemia victim; Phyllis Holman, Donnie Shearer, Donald Askerman and Jesus Young.

Donors also may request that their blood be earmarked as their contribution to a blood plan insurance policy which, at no cost, will cover any blood needed by a husband and wife and all their children for one year.

In addition to meeting the age requirements, those giving blood must be in general good health, must not have a cold, must not have had major surgery or have been pregnant during the past six months. Anyone who has ever had hepatitis, cancer, tuberculosis, heart disease, diabetes or syphilis is banned from giving blood.

Mrs. Thoms, chairman of the Advance Blood Fund for the Indian Wells Valley, reports that in addition to the Houchin Community Blood Bank personnel from Bakersfield who will be here next Tuesday, assistance also will be provided by members of the Ridgecrest Elks Lodge and Emblem Club, by local doctors and the Indian Wells Valley Nurses Club, members of Beta Sigma Phi sorority, and employees of the Community National Bank.

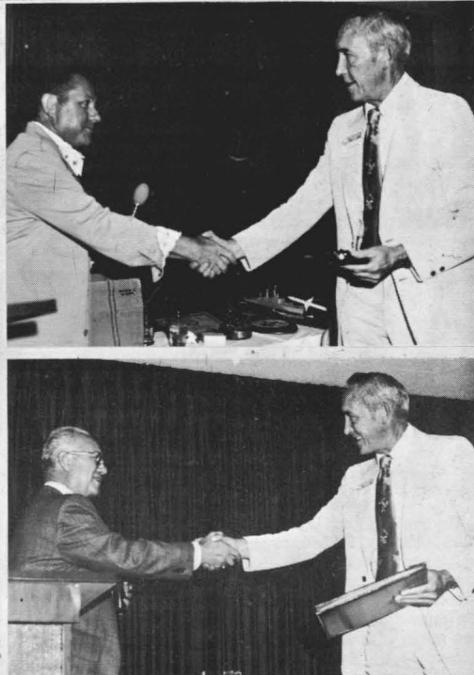
Prospective blood donors will be checked by a doctor or nurse at the blood bank, and are asked not to eat any dairy products or fatty foods within three hours prior to the time they donate blood.



NEW APPRIVAL — Lt. Tom Harrell has recently reported to the Naval Air Facility for duty as a project pilot. Lt. Harrell transferred to China Lake from Attack Squadron 22 at NAS Lemoore. He entered the Navy in January 1968 through the Aviation Cadet program and received his pilot's training at Pensacola, Fla. The new NAF aviator got his wings at Beeville, Tex. Prior to his tour of duty at Lemoore, Lt. Harrell flew A7E Corsair II aircraft while stationed on board the Aircraft Carrier USS Coral Sea. The Elberta, Ala., native holds a bachelor's degree in education from the University of Alabama at Tuscaloosa. He was accompanied to China Lake by his wife, Rebecca.



FAREWELL TO HARRISON — Approximately 130 persons attended a farewell party for Raymond A. Harrison on July 16 at the Chief Petty Officers' Club. Harrison, head of the Personnel Department at NWC, will soon become head of the career Management Division for the Office of Civilian Manpower Management (OCMM) in Washington, D.C. He received many gifts at the party, some of which are shown above. They are (beginning top left and continuing clockwise) a model of a cruiser from Leroy Marquardt of Code 31; an NWC plaque from Capt. R. D. Franke, Deputy Commander; a scrapbook containing



mementos and photographs of his days at NWC that came from C. E. Van Hagan, head of TID; two rubber boots with holes in them — a gag gift from Capt. W. F. Daniel, head of the Public Works Department — for wear during the rainy season in Washington; and two framed color photographs of the Petroglyphs, also from the Public Works Department. Harrison's other gifts included plaques from Codes 40 and 25; a "Fuzalier," another gag gift, from the Fuze Department; mounted glass figurines from the Research Department; a model of the HARM missile from Code 35, and a photo album from Code 51. —Photos by Ron Allen

Discussion set on filling Justice Court vacancy . . .

(Continued from Page 1)

As announced here by Supervisor Jackson at the July 8 meeting of the Community Council's board of directors, he has requested approval of the Board of Supervisors to consolidate the Indian Wells and Kern River Judicial Districts. Such a step would enable Judge Milton Elconin (who is an attorney-judge) to serve both here and in Kernville.

Based on the comparative case loads of the two justice courts, Supervisor Jackson told the Community Council that he would expect Judge Elconin to be in Ridgecrest four days a week.

As a part of the same communication to his fellow members of the Board of Supervisors in which he proposed that the public hearing be held on the question of consolidating the justice courts, Supervisor Jackson noted that it is essential for legislation to be prepared and introduced as the first step in eventually establishing an Eastern Kern County Municipal Court District.

World's oldest living things . . .

(Continued from Page 4)

small compared to the giant Sequoias, they are half again as old. Because of their warped growth and many centuries of wind and ice sculpturing, they are photogenic marvels. Rain brings a sudden change in the color of their eroded surfaces from yellows and tans to a quite vivid orange.

Early man used the wood for his fires. Much later, miners timbered their slopes with bristlecone pine logs, cattlemen used the non-decaying wood for fence posts, lumbermen cut a few trees for timber and paneling, but the hardness and heavy resin of the wood made it difficult to work. Now the great age of the bristlecone is affording them protection and their longevity is adding to our knowledge of the past.

Publications on Bristlecone Pines
 The March 1958 issue of *National Geographic Magazine* carried Dr. Schulman's article, "Bristlecone Pine, Oldest Known Living Thing." This has excellent color photographs and the story of his discovery. Later research is reported

For this reason, he also has asked that the Board of Supervisors authorize the County Administrative Office or the county counsel to prepare legislation (or amendments to pending legislation) in order to establish a Municipal Court District consisting of the present Kern River, Indian Wells, Tehachapi and Mojave Judicial Districts. Has Interest in Muni Court

Since Supervisor Head's District No. 2 takes in some parts of the proposed Eastern Kern County Municipal Court District, he will be here tomorrow to speak on that matter. In order for a Municipal Court District to be established, there must be a minimum of 40,000 residents within its boundaries, which is why such a large area is included within the proposed Municipal Court District for this area.

During his presentation at the July 8 meeting of the China Lake Community Council's board of directors, Supervisor Jackson explained that a Municipal Court would be able to provide a number of Superior Court services in the local area,

Viewpoint of Bar Ass'n

Instead, the IWV Bar Association is in favor of either the appointment of a Justice Court judge for this area, or the holding of an election in November or March in order to enable local voters to decide this matter.

Legislation already is in existence that calls for abolishing all justice court posts on Jan. 1, 1977, and forming a countywide Municipal Court District with judges assigned out of Bakersfield.

Veterinarian to visit China Lake on July 30

The veterinarian from the Naval Air Station at Lemoore will be at China Lake next Wednesday, July 30, to administer anti-rabies and distemper inoculations to pets of active duty military personnel.

The vet will set up shop in the NWC Dispensary garage between the hours of 9 and 11:30 a.m., and from 12:30 to 2 p.m.

A fee of \$4 for distemper shots and \$3 for rabies inoculations will be charged.

and thus save Indian Wells Valley residents the time and expense of a trip to Bakersfield when they are involved in matters that must be handled by the Superior Court.

At the same time, Supervisor Jackson added that because Judge Elconin is an attorney-judge, he could preside over a Municipal Court in this area.

Backus, a Ridgecrest attorney who is president of the Indian Wells Valley Bar Association, and other members of the legal profession in this area, insist that the only two ways the vacancy left by the resignation of Judge Thompson can be filled is by appointment or election.

At the July 8 Community Council meeting, both he and Attorney West voiced opposition to consolidation of the Indian Wells and Kern River Judicial Districts as a means of solving the current justice court vacancy problem here. They also expressed concern that should the proposal to consolidate the two judicial districts be approved by the Board of Supervisors, this would circumvent the right of local residents to elect their own judge.

Instead, the IWV Bar Association is in favor of either the appointment of a Justice Court judge for this area, or the holding of an election in November or March in order to enable local voters to decide this matter.

Legislation already is in existence that calls for abolishing all justice court posts on Jan. 1, 1977, and forming a countywide Municipal Court District with judges assigned out of Bakersfield.

To forestall this, Supervisor Jackson is urging that now is the time to move in the direction of establishing an Eastern Kern County Municipal Court District. Attorneys in the Indian Wells Valley feel, however, that an attorney-judge (such as Judge Elconin of Kernville) would become virtually the automatic choice to preside over Municipal Court cases here in the future, if the Board of Supervisors acts now to approve consolidation of the IWV and Kern River Judicial Districts. The foregoing also is another reason cited by local attorneys for being in favor of either the appointment or election of a replacement for Judge Thompson.