

## 2 tryouts set next week for college's 'Boys in the Band'

Tryouts for the Cerro Coso College fall drama production of "The Boys in the Band" will be held at 7 p.m. next Tuesday and Thursday in the college lecture hall.

Drama instructor Florence Green will be looking for nine male actors for the production. Also needed are a student director, a student technical director, lighting director, stage crew, make-up crew, publicity chairperson, and a ticket chairperson.

Those interested in trying out for dramatic roles or participating behind the scenes need not be enrolled in the drama class. Those who are accepted, however, must then enroll in the drama class.

"The Boys in the Band" is scheduled for presentation on the weekends of Nov. 11 and 12 and 18-19. Cerro Coso Community College plans to enter this production in the annual American College Theatre Festival, competing for honors in drama with other colleges across the nation.

This play, written by Mort Crowley, became an overnight sensation following its opening in New York in April 1968. The author, through clever dialogue and skillful construction, handles the delicate subject of homosexuality (not as a sin or as a matter for clinical study) but as it occurs in society.

Additional information about the production can be obtained by calling Mrs. Green at 375-5001.

## Mexican celebration set Sept. 16 at COM

The Commissioned Officers' Mess will be celebrating Mexican Independence Day on Friday, Sept. 16.

The celebration will begin with an authentic Mexican Siesta Buffet from 7 to 9 p.m. Teddy Phillips and the Mexicali Brass, a Los Angeles group, will be performing at 8 o'clock followed by a floor show to begin at 10 p.m.

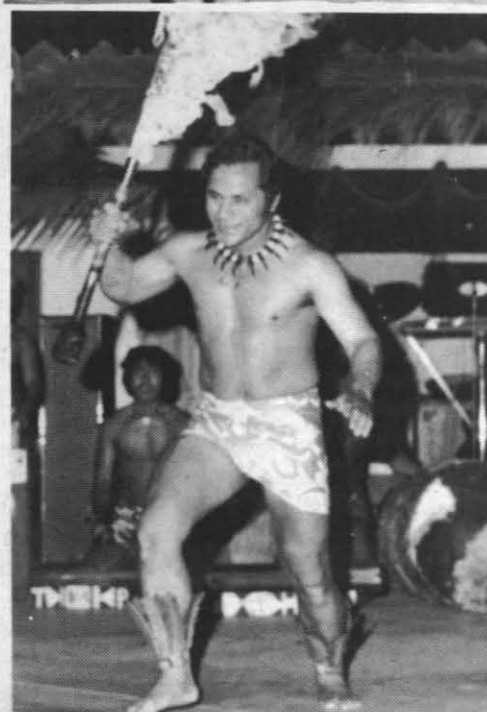
The evening's entertainment will cost \$10 per person. Reservations may be made by calling 446-2549 to order tickets.

## Country-western night

The Dozier Family will be playing country-western music at the Chief Petty Officers' Club tonight from 8:30 to 12:30 a.m. Dinner special for the evening will be prime rib served from 6 to 9 p.m.



**TO APPEAR HERE IN CONCERT —** Renowned singer Ray Charles and his troupe of 30 talented entertainers will perform at the Center theater on Sept. 22 at 6:30 and 9 p.m. There are no reserved seats, and tickets for either performance, priced at \$4 each, are on sale now at the Community Center, Commissioned Officers' Mess, Chief Petty Officers' Club, The Shuttle, Hall Memorial Lanes, China Lake golf course pro shop and at the Special Services Division office in Bennington Plaza. They are also available at the Gift Mart, Baker Brothers' Furniture Store and Deboni's Ice Cream Parlor, all in Ridgecrest, and at the Inyokern Market in Inyokern.



**LUAU AT CPO CLUB —** A crowd estimated at 250 persons enjoyed the 17th annual Hawaiian luau and floor show held last Saturday night on the lanai at the Chief Petty Officers' Club. Those who joined in the fun-filled evening were invited to eat their fill of a buffet that included kalua pig (pig in a pit), pork legs, fish, chicken and rice, chop suey, prime rib, yams, cole slaw and poi. Highlight of the evening was a 90-min. floor show of music and dancing presented by the Tiare Productions of Newport Beach, Calif., under the direction of Portia Senoa. "The show was very well received and one of the best we've ever had on the desert," according to "Barney" Barnard, manager of the CPO Club. Included was a fire dance by Pete Senoa (lower left photo).

## Expert on study, investigation of UFOs to speak Sept. 9 at college

A lecture on the intriguing subject "Flying Saucers Are Real" will be presented next Friday, Sept. 9, starting at 7:30 p.m. at the Cerro Coso Community College lecture hall.

The speaker for this second program in the series of community services events planned this fall at the college will be Stanton T. Friedman, who is reported to be the only space scientist in the world known to be devoting full time to investigation into the phenomena of unidentified flying objects (UFOs).

"After 18 years of study and investigation, I am convinced that the evidence is overwhelming that planet Earth is being visited by extraterrestrial spacecraft," he states. Friedman's lecture will be illustrated by the showing of some 40 35mm film slides of UFOs and the data that has been collected about them from all over the world. There will be an opportunity for members of the audience to question the speaker following his presentation.

The speaker bases his belief on the myriad of landing trace cases (more than 1,050 from 57 countries), the multitude of "critter" reports, the numerous large scale scientific collections of data and many published scientific studies indicating that trips to nearby stars in the Earth's galactic neighborhood are already feasible.

Friedman has bachelor's and master's degrees in science from the University of Chicago. His professional background as a nuclear physicist includes 14 years of industrial experience concerning nuclear fission and fusion rockets, nuclear power plants for space and terrestrial applications.

His professional affiliations include membership in the American Nuclear and Physical Societies and the American Institute of Aeronautics and Astronautics. In addition, he is a fellow of the British Interplanetary Society and is the only nuclear physicist member of the National Entertainment Conference.

He was one of the few scientists featured in the NBC-TV documentary "UFO's — Do You Believe?" was technical advisor on the

movie "The UFO Incident," (NBC-TV), and was featured in the movie "Mysteries From Beyond Earth."

Tickets to the lecture by Friedman are priced at \$2 for the general public and \$1 for students. They can be purchased in Ridgecrest at the Gift Mart and at Sports Etc. (near K-Mart), as well as at the college business office.

## Six Navy Leaguers prepare for 7-day cruise to Hawaii

Six members of the Indian Wells Valley Council of the Navy League of the United States are preparing to take a cruise later this month aboard the USS Mt. Vernon on its voyage from San Diego to Pearl Harbor, according to Dianne Murray, council president.

Participating in the seven-day cruise will be chairman Budd Gott, Ridgecrest City Councilman LaVern Smith, former Navy League national director Milford Carlson, Lt. Col. Wesley Boyt, USAF (Ret.), Capt. James Ingoldby, USN (Ret.), and Straud Stacke.

The Mt. Vernon (LSD-39) will be among a squadron of five vessels making the voyage during which the USS Duluth will be the flag ship.

Enroute, the local Navy Leaguers will observe the squadron practicing maneuvers, carrying out high-line transfer of personnel, re-fueling at sea, and participating in helicopter landings.

The Mt. Vernon is a landing ship dock which carries a crew of 21 officers and 376 enlisted men. It has a helicopter landing platform and a docking LCU of 450 by 50 ft. which will accommodate LCU-type landing craft for amphibious assault.

In addition, the vessel carries a complement of Marines as well as the landing craft and armament that are used by the Leathernecks to make beach assaults.

Thirty more members from the Navy League's 11th Region will be aboard the other ships in the squadron on this cruise.

## SHOWBOAT

**MOVIE RATINGS**  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.  
(G) - ALL AGES ADMITTED  
General Audiences  
(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian  
CS - Cinemascope  
STD - Standard Movie Screen  
Regular starting time—7:30 p.m.  
Program subject to change without notice.  
-For further information call NWC ext. 2259.

FRI. 25 SEPTEMBER

**"SCOTT JOPLIN"**  
Billy Dee Williams, Clifton Davis  
(Drama) This is the story of a young aspiring piano player (Williams) who endures a series of unfortunate incidents. One day, he and an old friend (Davis), a "master improviser," enter a "rag" contest with each performing Joplin's compositions and agreeing to share the prize. Joplin meets Art Carney, a music publisher, who helps him gain recognition, but there are only slight monetary gains. (PG)

SAT. 3 SEPTEMBER

Free Matinee  
**"FRONTIER INVESTIGATION"** and  
**"CRIME FREE MAYBERRY"**  
1:30 p.m.  
**"SMALL CHANGE"** (105 Min.)  
Nicole Gelis, Crantall Mercier  
(Drama) This movie depicts the lives of ten boys and girls as they grow from childhood to adolescence, including their varied adventures as they explore their world and experience their first kiss. (PG)

MON. 5 SEPTEMBER

**"A STAR IS BORN"** (140 Min.)  
Barbara Streisand, Kris Kristofferson  
(Drama) Kristofferson plays a rock star, addicted to booze and pills, whose career is rapidly nose-diving. Stumbling across Streisand singing in an obscure club, he whisks the talented, wide-eyed girl off to his next concert. Gradually, they become seriously attracted to each other and she passes him in popularity. (R)

WED. 7 SEPTEMBER

**"TWILIGHT'S LAST GLEAMING"** (144 Min.)  
Burt Lancaster, Richard Widmark  
(Drama) In November 1981, SILO 3 Missile Base in Montana is taken over by a former Air Force general (Lancaster). He demands a ten-million dollar ransom and the publication of the truth behind the Vietnam War. To carry out his threat, he stands ready to launch missiles against Russia. The President and his Cabinet debate the consequences of vocalizing the truth about Vietnam and the President decides to stand as hostage and let out the truth. Melvyn Douglas (Widmark), however, is determined to stop the plot. Released February 1977. (R)

FRI. 9 SEPTEMBER

**"WHAT CHANGED CHARLEY FARTHING?"** (82 Min.)  
Doug McClure, Hayley Mills  
(Comedy) McClure is featured as an American stranded on a Greek island. He meets an old conning captain in need of a deck hand on board his dilapidated ship. McClure agrees to work for the captain only after meeting his beautiful daughter (Mills). McClure, who is unaware that the captain is transporting illegal firearms, soon becomes embroiled in anti-American revolutionaries. (PG)

SAT. 10 SEPTEMBER

**"THE FARMER"** (98 Min.)  
Gary Conway, Angel Tomkins  
(Drama) A decorated World War II veteran (Conway) returns to his small Georgia farm and discovers his father has died. He tries to make a go of the farm despite a threatened foreclosure by the bank. After saving a gangster (Michael Dante) from a burning car, Conway gets involved with Dante's girl (Tomkins) and organized crime. Dante, who gets injured after stepping on some mobsters' toes, sends for Conway and offers him a sizable reward to dispose of the mob. Released March 1977. (R)

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# nwc rocketeer

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China Lake  
California

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Vol. XXII, No. 34

## Contracts let for construction work on Center

Construction, maintenance and service contracts totalling nearly \$2½ million have been awarded for a wide variety of work on the Naval Weapons Center.

According to Lt. Charles Schneider, CEC, USN, head of the Contract Division in the NWC Public Works Department, the largest single contract was awarded on Aug. 16 to the Capay Painting Co., of Woodside, N.Y., for reroofing of homes in the Site A and B Capehart housing areas. This work, which will cost \$673,790, is scheduled to be completed next Feb. 26.

Already under way and slated for completion in November is work on a contract in the amount of the \$370,261 that was awarded to Reliance Enterprises, of Santa Rosa, Calif. Plans call for consolidation of the boiler plants at the NWC airfield by removing five old boilers and replacing them with two new ones.

### Painting Work Under Way

Workmen for the Gilco Co. of Montebello, Calif., are just getting started on a contract for painting the interiors of several buildings, including the Chief Petty Officers' Club, old dormitories and the Chapel Annexes. The cost of this work, which is due to be completed next February, is \$91,800.

In addition, work is well under way on another maintenance-type contract — the re-roofing of the main shop and wings No. 3 and 4 at Michelson Laboratory — by employees of Allied Enterprises of Sacramento, Calif. This is a \$94,896 contract.

Awarded last Friday to the Asphalt Construction Co. of Lancaster, Calif., was a contract in the amount of \$296,239 for the paving of various roads in the housing area, as well as at the China Lake Pilot Plant. Also under way is work on repairs to electrical power transmission lines in the housing area under a contract totalling (Continued on Page 3)



**TESTING REQUIREMENTS DISCUSSED —** Some of the project engineers requiring tests for the coming week discuss their needs for air and ground ranges, personnel, and support equipment with scheduling coordinator Tom Doyel. Left to right are Bob Leighton, Jerry Zaretska, Robin Fuller, Al McDonald, Doyel,

Roy Pullen, John Halligan, Paul Alexander and Jim Curran. All of the men shown are project engineers in the T&E Directorate's Air Projects Group except for Doyel; Pullen, who works in the Range Department's Ground Operations Branch; and Leighton, who is employed in the Telemetry Operations Branch.

## Good system of scheduling, coordination of tests vital to safe use of ranges at NWC

(Editor's note: This is part IV of a series devoted to range test and facility modernization, as outlined in the Project 21 planning document.)

By Elizabeth Babcock

As many as 80 events, single tests or parts of test series, occur in the course of a single week on NWC ranges. With all this activity going on, it is essential to have a good system of scheduling and coordination.

All range scheduling for NWC's China Lake Complex emanates from a busy office on the second deck of Hangar 3 at the air field. Here Tom Doyel, head of the Test Scheduling Office, puts together what amounts to pieces of a constantly changing three-dimensional jigsaw puzzle in order to give NWC project people, other governmental agencies, and aerospace contractors access to the airspace, the land, the support personnel, and the equipment they

need to accomplish program test objectives.

"Anything that has to do with a test run on the air and ground ranges at NWC that requires range scheduling must go through this office," Doyel said. Echo Range and the propulsion, warhead, and environmental test areas are separately scheduled but coordinated with Doyel's office on airspace and radio frequencies. He operates in the Test and Evaluation Directorate directly under Cdr. Max Dixon, head of the Projects Office.

Also in this office and working in cooperation with Doyel are Cdr. John Faron, airspace coordination officer, who serves as an NWC point of contact for off-center aircraft and as a coordinator for NWC use of the restricted airspaces surrounding the Center; and Nan Hulsey, who coordinates the use of NWC aircraft for

both project and logistic flights. Helping Doyel keep track of the myriad details of test scheduling is his secretary, Hilda Cartwright, whom he describes as "my memory."

Range scheduling for each week begins on Thursday afternoon of the previous week in an uninhibited, often hectic meeting where project engineers from the T & E Directorate's Air Projects and Ground Projects Groups discuss the requirements and parameters of their tests for the coming week.

### Popular Time for Tests

"Invariably everyone wants to fly between the hours of 10 and 2," Doyel said. Often the larger, more complex tests, involving major missile systems, have scheduling priority and the smaller tests requiring less airspace, ground equipment, and personnel support are scheduled around them.

Although sometimes a priority system may bump smaller tests a few days ahead on the schedule, attendees at the Thursday meeting usually can arrive at priorities that are reasonably satisfactory for all of them. On a typical day, the ranges are scheduled in hour time-slots from 8 a.m. to 4 p.m.

Once priorities have been agreed on, Doyel makes out a tentative weekly test schedule. This schedule gives him and the (Continued on Page 3)

## Change to be made in management of small arms program

Effective on Thursday, Sept. 15, control and jurisdiction over the Small Arms and Weapons Management Program on the Naval Weapons Center will be transferred from the Aircraft Department to the Safety and Security Department.

Thereafter, the accountability for, control and issue of all small arms and weapons held, received or shipped by NWC will be the direct responsibility of the Chief of Police, Code 241.

Concurrent with this action, the operation of the NWC Armory is being reassigned to Code 241. NAV-WPNCENINST 8300.2 is being revised to reflect this change.

## Marine officer in line to become Space Shuttle pilot

In the near future (sometime in December) the National Aeronautics and Space Administration will be selecting as many as 40 candidates for a two-year period of training and evaluation for possible participation in the Space Shuttle program.

Among the more than 8,000 individuals who applied for this program is Maj. James G. Hart, USMC, a project test pilot and head of Air Test and Evaluation Squadron Five's Air Warfare Test Branch.

Despite the sizable odds, Major Hart has high hopes of someday becoming a Space Shuttle pilot since (in mid-August) he was among the second group of 20 Space Shuttle astronaut applicants to be selected for interviews and physical examinations at the Johnson Space Center (JSC) in Houston, Tex. This second group, like the first, are all pilots.

### Half Will Be Pilots

Of the 40 finalists who will be selected in December from the more than 8,000 applicants, about half of them will be pilots while the remainder will be mission specialists.

Those who are chosen will report to JSC in mid-1978 for training and evaluation. Final selection as an astronaut will depend on satisfactory completion of the evaluation period.

Currently, 30 persons are available as Space Shuttle crewmen, including 10

scientists. Twenty-seven of them are astronauts assigned to the Johnson Space Center and three hold government positions in Washington, D.C.

The Space Shuttle (which recently underwent its first free flight at Edwards Air Force Base) is a reusable vehicle that will replace virtually all of this nation's space launch vehicles. Space missions could in-

clude deploying and retrieving satellites, servicing satellites in orbit, operating laboratories for astronomy and earth sciences, and developing and servicing a permanent space station.

Maj. Hart, who is 35 years of age, has been surmounting extraordinary obstacles since his graduation from high school in Faribault, Minn., and winning an appointment to the U.S. Naval Academy.

Upon graduation from Annapolis as a member of the Class of 1965, he was commissioned as an infantry officer in the Marine Corps, specializing in parachute and SCUBA reconnaissance work. He spent a year of his 3-year hitch as an infantry officer in Vietnam leading reconnaissance patrols.

### Returned to Vietnam as Flier

Flight training at Moody Air Force Base in Valdosta, Ga., followed, and he received his pilot's wings in 1969. This put him in line for a return to Southeast Asia where, after first being assigned to the El Toro Marine Corps Air Station in Santa Ana, Calif., he later served with Marine Fighter Attack Squadrons 314 and 115 and with Marine Attack Squadron 311 at Chu Lai and DaNang, South Vietnam.

During 115 missions as a pilot of F-4 and A-4E aircraft, and while serving as an infantry officer in Vietnam, Maj. Hart was



Maj. James G. Hart, USMC

(Continued on Page 3)



**CFC PLANNING MEETING HELD**—The first get-together of Centerites who will be involved in directing various phases of the 1978 Combined Federal Campaign at the Naval Weapons Center was held this past Monday. The annual fund drive will be held Oct. 3 through 28 at NWC. The meeting was called by Cdr. J. W. Ehl (seated at left), CFC chairman, who was joined by (seated, l.-r.) LCdr. T. J. Trotter, treasurer; Loretta King, public information coordinator, and Elizabeth Babcock, a member of the publicity staff. Standing are J. D. (Jerry) Gough, publicity chairman (at left), and Gary Rainwater, co-chairman of the fund-raising effort that will be conducted on behalf of member agencies of the United Way of Indian Wells Valley, National Health and International Service Agencies.

## Drivers, parents, children must be safety conscious as school begins

By Billie Hise

Schools will be starting Tuesday and there will be students walking, riding bicycles, motorcycles, driving and being driven to and from schools.

Some kindergartners may be on their own for the first time. Other young ones may be too oblivious to hazards.

As a driver, be aware of the possible problems of a small child darting into the street, or an inexperienced cyclist weaving into your driving path. Some kids may be walking or riding on the wrong side of the street.

As a parent of school-age children, review traffic signs and the reasons to check for cars, bicycles and motorcycles at intersections. Advise your children to look for cars, bicycles and motorcycles at intersections. Caution your children about cars backing from driveways. Explain the reason that traffic signs are to be obeyed.

On what side of the street are youngsters to walk? On what side are they to ride their bikes? Why should they stop at stop signs? Walk with your small child to determine the safest route to take from home to school.

Talk about special hazards such as manhole covers that may get very hot from the sun or the reason not to climb up on the rail around a fire hydrant. One child did, and fell, injuring himself. Mention also that accepting rides from strangers is forbidden.

Dr. Jonas Salk, who developed polio vaccine, has recently written a book, "Survival of the Wisest" children need information to understand the hazards. Just as you can learn to climb rocks more safely with training, children can be made aware of hazards at an early age if the information is given to the child and reviewed from time to time.

Let's have a safe school year.

## Recreation facilities open Sept. 5

Following are the hours of operation of recreational facilities at the Naval Weapons Center during the Labor Day holiday on Monday:

FACILITY	HOURS
Hall Memorial Lanes and Snack Bar	11 a.m. to 11 p.m.
Golf Course	6:30 a.m. to 8:30 p.m.
Gymnasium	11 a.m. to 7 p.m.
Indoor and CPO Club Pools	noon to 6 p.m.
COM Pool	11 a.m. to 8 p.m.
Theater	Regular hours
Minville Park	noon to dusk

The remaining facilities will be closed on Monday. These include the Auto Hobby Shop, the Skeet and Trap Range, Youth Center, Camping Issue Facility, Ceramics Shop, Community Center, Hobby Store, the Navy Exchange Retail and Men's Stores, NEX Annex, NEX Service Station, Uniform Shop, the Bennington Plaza, Airfield and Michelson Laboratory Snack Bars, Commissary Store, Child Care Center, Barber Shop, China Lake Propulsion Laboratories Cafeteria and the NWC Employee Services Board catering trucks.

## The Rocketeer

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Capt. Frederick H. M. Kinley  
NWC Commander  
R.M. Hillery  
Acting Technical Director

Dr. Robert H. Pearson  
Head,  
Technical Information Department  
Don R. Yockey  
Editor  
Jim Stansell  
Associate Editor  
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 of official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds for a commercial firm in compliance with NPP-R P-35, revised January 1974. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Information in The Rocketeer is authorized for public release by the Office of the Commander, Code 003.  
Phones 3354, 3355, 2347

## Schummer takes over duties of NWC Federal Credit Union mgr.

Duties of general manager of the Naval Weapons Center Federal Credit Union have been taken over by Bernard K. "Bernie" Schummer, it was announced this week by William J. Baker, president of the Credit Union's board of directors.

Schummer began work here on Aug. 22, following two years as general manager of The City and County Employees Credit Union of Alameda County. He has more than 11 years of credit union experience having previously spent six years as assistant manager of the San Diego Municipal Employees Credit Union.

Schummer began his credit union career in charge of management development training with the California Credit Union League, a state trade association of credit unions.

Schummer's background also includes 10 years of professional speaking experience, as well as previous experience in engineering and administrative accounting. The Ohio native studied engineering at the Case Institute of Technology and later was graduated from Western Reserve University, both in Cleveland, in 1957, with a bachelor of business administration degree. He is a member of the Knights of Columbus.

## Christian Women's Club slates talk by 'Surgeon of Hope'

An inspirational talk by Dr. Ralph Byron, chief surgeon at the City of Hope Hospital, will highlight the next meeting of the Christian Women's Club, a non-denominational Christian group that is open to all interested women in the local area.

The meeting and dinner will be held on Monday, Sept. 12, starting at 6 p.m. Reservations to attend, which are due no later than noon on Tuesday, Sept. 6, can be made by calling Nita Bates at 375-7359.

Dr. Byron, author of the book entitled "Surgeon of Hope," which is the story of his life's work, will be presenting his testimony and telling what God means in his life.

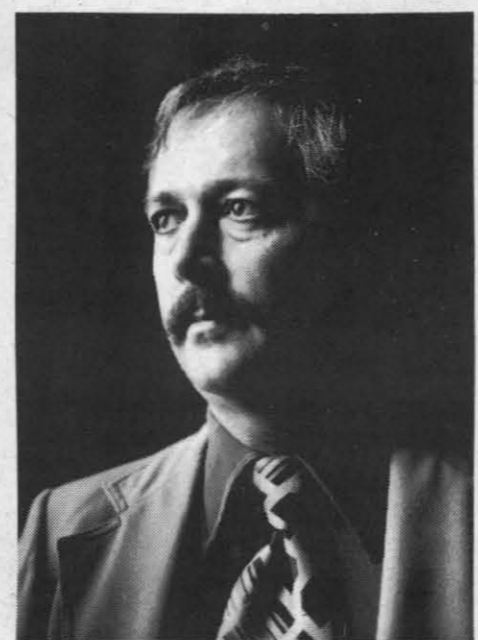
The evening's program also will include vocal music selections by Ray and Marilyn Richardson, from Trona, and a talk by Leroy Stayton, a member and former officer of the Sierra Desert Gun Club, who will present a brief history of the development of firearms.

Stayton is a mechanical engineer in the Solid Propulsion Branch of the NWC Ordnance Systems Department.



**FAREWELL GIFT**—In recognition of his 22 years of active duty in the Navy, Shipperviceman Chief F. D. Guda, the assistant Commissary Store officer, was the recipient of a Navy Supply Corps plaque that was presented to him at the time of his retirement by Capt. J. D. Killoran, NWC's Director of Supply. SHC Guda, who has served at NWC for the past 26 months, was transferred here from duty as assistant ship's store officer on board the USS Durham, an amphibious cargo craft. He now plans to attend Southwestern College in San Diego, where he will enroll in business administration courses. During this brief retirement ceremony, he also received a Sacred Order of Dust Devils certificate that was presented by SHC R. A. Mejia, Commissary Store officer.

Commenting on Schummer's appointment as general manager, Baker said, "We feel very fortunate in having a



Bernard K. Schummer

man of Mr. Schummer's education, experience, and qualifications at the Credit Union. All of us are looking forward to a long and progressive association."

Schummer, who is 43, his wife, Lydia, and their two youngest children are living in Ridgecrest, where they have purchased a home. Their oldest son will continue to live in northern California.

## College offers course in 'Basic Horsemanship'

Cerro Coso Community College has announced a new course to be offered during the fall semester, which will begin on Tuesday.

The course, entitled "Basic Horsemanship," will meet for six weeks on Mondays and Wednesdays from 3 to 4:50 p.m. commencing Sept. 12.

Students who own horses may enroll by paying a \$10 laboratory fee. Students who do not have a horse may rent one from a local stable for \$10 per class or \$60 for the entire course.

Because enrollment is limited to 20, interested persons are urged to contact the instructor, Linda O'Neil, phone 375-5103, as soon as possible for more information.



## DIVINE SERVICES

PROTESTANT		
Sunday Worship Service	1015	
Sunday School — All Ages	0900	
Sunday School Classes are held in Chapel Annexes 1,2,4 (Dorms 5, 6, 8) located opposite the former Center Restaurant.		
Communion Service first Sunday of the Month.		
ECUMENICAL		
Wednesday Noon Bible Study	1130	
Thursday Men's Prayer Breakfast	0630	
ROMAN CATHOLIC		
MASS		
Saturday 1700 fulfills Sunday obligation		
Sunday 0700 0830 1130		
Nursery, Chapel Annex 1	0815-1245	
Daily except Saturday, 1135, Blessed Sacrament		Chapel
CONFESSIONS		
Daily	1115 to 1130	
Saturday	1615 to 1645	
Sunday	0800 to 0825	
RELIGIOUS EDUCATION CLASSES		
Sunday Pre-School thru 6th grades	1015	
Wednesday Kindergarten thru sixth	1530	
Sunday seventh & eighth (Junior High)	1900	
Above classes are held in the Chapel Annexes across from the former Center Restaurant.		
Sunday evening Ninth thru 12th grades		
As announced "In Home" Discussion Groups		Youth Rallies
Contact Chaplain's Office for specifics.		
JEWISH SERVICES		
EAST WING—ALL FAITH CHAPEL		
Sabbath Services every Friday	1930	
UNITARIANS		
CHAPEL ANNEX 95		
Sunday Services—(Sept.-May)	1930	

## College basketball...

(Continued from Page 6)

John's Pizza, 348 W. Ridgecrest Blvd." This special discount will be good through the Sunday following each home basketball game.

Businesses and organizations that have joined the Fire Mountain Foundation receive an allotment of tickets to athletic events as one of the benefits of membership in this organization. As a result, tickets may also be available free or at a reduced rate from such businesses.

"Through the joint effort of the college family and many interested local area residents, we are trying to build an athletic program that will provide an opportunity for local youths to attend college here at home and, at the same time, be able to participate in the sports of their choice," Dr. Richard S. Meyers, Cerro Coso Community College president, said.

"We hope that businesses and individuals of the Indian Wells Valley will support their community college by joining the Fire Mountain Foundation and attending intercollegiate athletic contests at Cerro Coso," he added.

## Few changes made in regulations for dove, pigeon hunting

The California Fish and Game Commission has adopted dove and pigeon hunting regulations for 1977 that are virtually unchanged from those for 1976.

Included is a split 46-day season for doves with a limit of 10 per day, 20 in possession after opening day, and straight pigeon seasons in the northern and southern areas of 16 days each with a bag and possession limit of six birds.

Dove hunting season, which opened on Sept. 1, will run through Sept. 30, reopen Nov. 19 and continue through Dec. 4 statewide. White-winged doves, as is generally the rule, will be allowed in the bag only in Imperial, Riverside and San Bernardino Counties.

Dates for band-tailed pigeons will be Oct. 1-16 in Butte, Del Norte, Glenn, Humboldt, Lassen, Mendocino, Modoc, Plumas, Shasta, Sierra, Siskiyou, Tehama and Counties, and Dec. 10-25 in the balance of the state.

## Rabbit hunting season open in desert area

Rabbit hunting season is now open in Los Angeles County and portions of three other south state counties, the Department of Fish and Game announced recently.

In addition to Los Angeles County, the open area includes southeastern Kern County and those portions of Riverside and San Bernardino Counties west of Highway 395.

## Change announced in hours indoor pool to be open

Beginning next Tuesday, new hours for use of the indoor swimming pool at the Naval Weapons Center gym will go into effect for the fall and winter season.

With the exception of the period beginning on Monday, Sept. 12, and continuing for four weeks while the indoor pool will be closed for painting, the new hours of operation will be as follows:

Monday, Wednesday and Friday, 11 a.m. to 1 p.m., and Saturday and Sunday, noon to 1 p.m., adult swimming; Monday, 4:30 to 6 p.m., Wednesday and Friday, 4:30 to 8:30 p.m., and Saturday and Sunday, 4:30 to 8:30 p.m., open swimming; and Monday, 6 to 8:30 p.m., women only.

The indoor pool will be closed for general use on Tuesdays and Thursdays from 11 to 1 p.m., as well as at all other times not mentioned above.

## Employee in the Spotlight

By Bev Lough

In 1947, when the doctor said to go to a dry climate, Betsy Eggleston, of the Systems Department's Facilities Software Branch, and her family moved from Huntington, West Va., to China Lake. "We all had middle ear infections and respiratory problems," she says. "After moving here, we've been healthy ever since."

Betsy completed her last three years of high school at Burroughs, married her school sweetheart, Bob Weakley, and moved with him to Japan, where he was stationed with the U.S. Air Force. After Bob was killed in an auto accident, she came back to China Lake to begin a new life.

As a computer aide for the Associated Aerospace Laboratories, Inc., she worked for the Propulsion Development Department, old Code 45.

Begins Civil Service Career

In 1966, "after MacNamara (Robert MacNamara, former Secretary of Defense) said that all contractors must get off the bases," Betsy became a civil servant first as a math aide, then progressing to a math technician. "But I still worked at the same desk and the same phone," she remembers.

At that time, her duties included processing data generated from testing solid propellants. At first, she admits, "I never knew propellants were anything but liquid."

The 1970 reduction in force "was probably one of the best things that ever happened to me," she states. She joined the staff of the Weapons Development Department as a math technician. Now she was a civil servant working off the base, just opposite of her work as a contractor on Center a few years earlier. "I was listed as a consultant and worked at the Program Control Corporation office in Ridgecrest learning the MK III management system," she adds.

Although this position was good experience, Betsy didn't feel it was a "busy enough" job. So in 1971, she saw an ad for a



Betsy Eggleston

position in the Aerothermochemistry Division. "It looked like it was written for me," she says.

For the next five years, Betsy worked on solid propellant data reduction for the Research Department, old Code 60. "The Research Department was way, way up stream of what's going to happen," she explains. "Some of the problems and solutions they're investigating may be used five to ten years from now."

Even though this work satisfied Betsy, she decided (in 1976) that she "needed room for growth." This decision prompted her move to the Facilities Software Branch.

While meeting with Carl W. Hall, head of Code 3193, she pointed out three things that were important to her in a job. "I need positive stroking (a pat on the back), open communication with those I'm working for and with, and room to grow," she says.

This early assertion has helped to make her present job very self-fulfilling. "He (Carl) listened, heard what I was saying,

and acted upon it," she recalls. "I've never had a boss quite like that."

Betsy's overall satisfaction with her work stems from an interesting philosophy. "Work," she says, "is almost like school where you're told: 'hey, think and create now.' You have to think upon command both at school and work."

There's just one catch: the working semester never ends. So Betsy ends it by making employment changes. "I guess you can see my semesters last for about three to five years," she adds.

Betsy's personal philosophy is just as creative and effective as her working one. She feels that "people are really neat as individuals, but I don't like crowds." In her opinion, crowds tend to "bring out the worst in people." This is the reason why Betsy and her present husband, Bob, like the desert. "It lacks the masses," she adds.

The Egglestons share enthusiasm and interest in antique and classic cars, car shows, and swap meets. While Bob looks over the old auto parts, Betsy pores over the old literature.

"I have a 1915 Crisco cookbook," she says. "It was a brand new product then, and people were raving about it." She also has a 1923 issue of the "Ladies Home Journal."

Antique Car Enthusiasts

Betsy and Bob have collected several cars over the years. They presently own a 1929 Lincoln sedan and a '35 Cadillac four-door convertible. Both have dual side mounts. They also have a 1974 Cadillac Eldorado convertible, which they hope will become a collector's item. It is only driven in parades like the Bakersfield parade commemorating the Bicentennial and, of course, local parades.

Betsy's own interests are divided into two categories. "Cooking, sewing, and gardening are the ones that show immediate results," she says. The longer-lasting hobbies include the study of human behavior and nutrition.

"If I ever quit working," she admits, "I'll probably go to school and take psychology-type courses."

In addition to the extension courses taken through the University of Maryland while at Yokota Air Base, Japan, she has taken an adult exercise class on body conditioning "over and over again." Jokingly, she says that "maybe some day I'll graduate." In all seriousness, though, she strongly believes in physical fitness and keeping in shape.

At the present time, Betsy is involved in the Equal Employment Opportunity's Federal Woman's Program (FWP) committee. "The whole reason I joined FWP was so I could become better informed about different avenues that might be open to women so I can better advise them." She is also a member of the Indian Wells Valley Chapter of Federally Employed Women.

## NRS office remains in old Dispensary building

The China Lake Branch of the Naval Relief Society is continuing its operations from office space located in the back of the old Dispensary building.

Volunteers are on duty Monday, Wednesday and Friday between the hours of 11 a.m. and 2 p.m. to assist U.S. Navy and Marine Corps personnel and their families in time of emergencies by providing counseling or making arrangements for interest-free loans, outright financial grants, or a combination of the two depending upon the ability of the individual to repay a loan in his or her particular circumstances.

## College advisors due

Two advisors from Cal-State College in Bakersfield will be at the Naval Weapons Center on Tuesday to counsel students already enrolled or interested in enrolling in either the bachelor's degree external program in business administration or the master's degree level program in public administration.

Appointments to see either Dr. Roy Du or Dr. James Vigen, who will be here from 10:30 a.m. to 4:30 p.m., can be made by calling the Training Center, ext. 2359.



**WACOM TO RESUME ACTIVITIES**—First activity on the upcoming schedule of events planned by the Women's Auxiliary of the Commissioned Officers' Mess will be a membership coffee on Tuesday, Sept. 13. This annual affair will be held in the patio and yard at the home of Capt. and Mrs. Frederick H. M. Kinley, at 2 Enterprise Rd., between the hours of 9:30 and 11:30 a.m. In keeping with the theme, "a garden party," Joan Guilian (at right), who is in charge of decorations, has begun the task of deciding on how and where some of the hanging potted plants and other greenery to be used for decorations will be displayed. Assisting her are Carol Lloyd (at left) and Mary Munsinger, who are in charge of hospitality and WACOM membership, respectively. During the time that the coffee is in progress, free baby sitting service will be available at the All Faith Chapel's Annex No. 1. This event is open to all present and prospective members of WACOM. For additional information, those interested should contact Rita Park by calling 375-4481.

## Sept. 14 deadline set for Youth Center soccer registration

Signups for the NWC Youth Center Soccer League will continue through Wednesday, Sept. 14, at the Youth Center.

Skill test tryouts will be held at 5 p.m. at Davidove Field on Sept. 14 for players through 9 years of age, and at the same time and place on Sept. 15 for players age 10 through the sixth grade.

League rules require that every player, regardless of present skill level, play at least one half of every game during the season.

As a result of numerous requests, a soccer program for seventh and eighth graders is now being organized by the local junior high schools and the Ridgecrest Recreation Department. Details will be announced after school begins.

Signups can still be made for the Center's brand new Intramural Soccer League, which will begin play Sept. 20.

At the moment, three teams have been formed, but more are desired for this coming season, which will emphasize recreation and instruction. The experienced players will be divided into four or more squads, while the majority of each team will be filled in with novices. Players at least 15 years of age are eligible to participate.

Team assignments will be made on Sept. 16. More information may be obtained by calling the gymnasium at NWC ext. 2334, or Karl Kauffman at NWC ext. 3665.

The China Lake Soccer Club is now conducting discussions with its counterparts from George Air Force Base and Lancaster regarding formation of a High Desert Soccer League to be affiliated with the U.S. Soccer Federation.

If such a league is formed, China Lake players will be drawn from the NWC Intramural Soccer League and play as a traveling or all-star team. Several practice games are being scheduled, with dates and times to be announced soon.

## Signups for Jr. Bowling Leagues to end Sept. 9

Because of the Labor Day weekend, signups for the American Junior Bowling Congress leagues have been extended to include the week of Sept. 5 through 9, between the hours of 11 a.m. and 5 p.m., at Hall Memorial Lanes.

Registration of bowlers between 6 and 18 years of age, as well as college students up to the age of 21, also will be open tomorrow from 10 a.m. to noon.

The registration fee is \$1.25 per person. ABJC league action is scheduled to get under way on Saturday, Sept. 10.

## BHS varsity gridders working out hard to prepare for season opener on Sept. 16

A 60-man squad of prospective Burroughs High School varsity football players this past Tuesday held its first practice session wearing pads and helmets in preparation for the 1977 gridiron season.

During this final week before the re-opening of school on Tuesday, the Burroughs High gridders have been holding morning and afternoon or evening workouts in order to get ready for their season opener on Friday, Sept. 16, against the Chino Cowboys at Chino.

Last year, the two teams battled to a 7-7 tie on the Burros' athletic field. The following week, on Sept. 23, the local high school varsity eleven will host the Bakersfield High Drillers, to whom they lost a hard-fought game by a score of 15-9 in 1976.

After their Sept. 23 game against Bakersfield, the Burros will begin this year's Golden League season at home with the opposition being provided by the Antelope Valley High School gridders from Lancaster.

Local gridiron fans familiar with the makeup of the Golden League will find some changes this season, since the league no longer will include Barstow, Kennedy, Victor Valley and Apple Valley High Schools.



**TIME TO GET IN LAST FLING** — With all of the outdoor swimming pools on the Naval Weapons Center scheduled to close for the season next Tuesday, the long, Labor Day holiday weekend will provide the final opportunity for local area residents to enjoy the use of these recreational facilities until they re-open again next spring. In addition to their regular hours on Saturday and Sunday, the swimming pools at the Commissioned Officers' Mess, the CPO Club and at Minville Park will be open on Monday (Labor Day) between the hours of 11 a.m. and 8 p.m., noon and 6 p.m., and noon to dusk, respectively. —Photo by Ron Allen

## At Cerro Coso, fall brings start of preparations for basketball season

The start of another school year in the fall usually means waiting for the leather to start popping and the footballs to begin sailing through the air as the gridiron season gets under way.

Not so at Cerro Coso Community College, however, since the local two-year school (which is still in its infancy as far as athletic competition goes), has just opened season ticket sales for its 1977-78 basketball season.

The Cerro Coso Coyotes, who compete in the Desert Athletic Conference, have a new basketball coach, John Boragno, who has joined the local college athletic department and is busily preparing for the Coyotes' 26-game 1977-78 season.

The Cerro Coso basketball coach came here from Fresno State University, where he was the assistant basketball mentor. He is an advocate of a hustling man-to-man defense and then moving onto the offense in a manner that attacks the opponent's weakest point.

Exciting basketball and an improvement over the Coyotes' record of 5 wins and 23 losses last season are promised for 1977-78 by Boragno. "We don't expect to be ready to win the Desert Athletic Conference championship this season, as we are rebuilding," Boragno said, "but looking ahead, we expect steady improvement over

the 1977 gridiron season.

Replacing these four schools will be Hart High School of Newhall, Saugus High and Canyon High School, which is located in the Saugus area. Thus the Golden League has been reduced from eight to seven teams and the Burros' nine-game schedule will include three non-league opponents.

Golden League games that will follow the opener on Sept. 30 against the Antelopes will include Palmdale at Palmdale on Oct. 7, Burroughs vs. Saugus here on Oct. 14, Burroughs vs. Canyon High in Saugus on Oct. 21, Burroughs vs. Quartz Hill in Lancaster on Oct. 28, Burroughs vs. West High of Bakersfield in Bakersfield (non-league) on Nov. 4, and Burroughs vs. Hart High School in Newhall on Nov. 11.

Bruce Bernhardt, head coach of the Burros' varsity football team, and his staff face a rebuilding job this season. Back from a team that had an overall record of 4 wins, 4 losses and a tie in 1976 and a 4-3 Golden League mark, is a nucleus of seniors who will need lots of help from the less experienced players who will be rounding out the offensive and defensive units.

While coaching assignments weren't yet firm earlier this week, Coach Bernhardt's aides will be David Bens, John Higdon and Gene Vejtasa.



Doug's Corner

## Intramural flag football season to begin Tuesday

This year's Intramural Flag Football League season will kick off at 6 p.m. next Tuesday at Schoeffel Field, although the teams meeting on that date had not been announced as of press time.

The five teams competing in the seven-week-long season will be the Big Red, the airfield, VX-5, Broncos and Dolphins. Games will be played at 6 and 8 p.m. on Tuesdays and Thursdays, and perhaps Wednesdays also.

### Fall Tennis Program

Enrollment is still open for a fall tennis program of instruction which will begin on Tuesday, Sept. 13, and continue for six weeks at the Center courts.

The course will be taught by Fred Hagist and include instruction in the fundamentals of ground strokes, the volley, serve, overhead shot and other basics of the game.

Beginning and intermediate classes will be held on Tuesdays and Thursdays from 10 to 11 a.m. and from 5 to 6 p.m. Sessions for beginners only will be conducted from 5 to 6 p.m. on Wednesdays.

### 11th ND Cross Country Run

A deadline of Sept. 15 has been set for entries in the 11th Naval District's Open and Senior's Cross Country Track Meet to be hosted by the Naval Station, San Diego, on Sept. 21.

The six-mile course will be marked off on the golf course road of the Navy golf course at Mission Gorge. Entry blanks may be obtained at the Center gymnasium.

### Seabee Bowling Tourney

The seventh annual Seabee Invitational Bowling Tournament will be hosted by the Naval Construction Battalion Center, Pt. Hueneme, on Oct. 14 through 16.

Military men and women, singles and doubles, are eligible to compete. Entry blanks may be obtained at the gymnasium office.

## NWC winter softball play in full swing now at Reardon Field

Competition began Tuesday night at Reardon Field in the NWC fast pitch Winter Softball League.

Of the ten teams entered in the league, the Raiders appear to have a slight edge in the talent department over the other entries in the league, according to Doug Nelson, athletic director.

The schedule calls for games to be played at 6 and 8 p.m. on Tuesday and Thursday nights at Reardon Field, with some Wednesday night contests also on tap. The season will end on Oct. 19.

In addition to the Raiders, the other nine fast pitch teams competing in the Winter Softball League are the Maulers, Bears, Sports Etc., Knights, Hawks, Electros, Bullshippers, Red Twins and the Zwags.

This past Tuesday night, the Bullshippers short-circuited the Electros by the lopsided score of 22-9, while the Maulers garnered their first league win as a result of a default by the Bears.

Games coming up next week are as follows: Tuesday—Bears vs. Knights, 6 p.m., and Electros vs. Zwags, 8 p.m.; Wednesday—Sports Etc. vs. Raiders, 6 p.m., and Red Twins vs. Hawks, 8 p.m.; Thursday—Maulers vs. Knights, 6 p.m., and Bullshippers vs. the Zwags, 8 p.m.

## Good news for DCC -- approval given on \$500,000 loan for new building

Word was received this week by the Desert Counseling Clinic that approval has been given for a \$500,000 loan needed to build the clinic's new facility.

A letter from Lowell A. Pannell, Acting State Director, USDA Farmers' Home Administration, was released by Congressman William Ketchum, who described himself as delighted with the news.

The loan is one of three funding sources determined by the clinic's board of directors to be essential for construction of the new building. With the loan assured, one of the other two sources is also guaranteed, since a previously approved grant from the Department of Health, Education, and Welfare was made contingent upon loan approval.

The third source will be the donations coming in from the community during the

clinic's Building Program Fund Campaign now going on under the leadership of Florence Green, as general chairman.

"Now more than ever it's important to get community support," said Johannah Webster, president-elect of the clinic's board of directors. "In addition to financial support to help pay for the building itself, we need 'front-end money,' or money to cover pre-construction essentials such as sewers and road paving that are not covered in either the loan or the grant."

The fund-drive, which has currently accumulated \$50,000 in pledges and donations from individuals and organizations interested in supporting community mental health care, will continue through September.

Present plans are to break ground for the new \$700,000 clinic in late October.

## Construction work contracts awarded . . .

(Continued from Page 1)

\$79,161 that was awarded to the T. G. Nelson Electric Co. of Auburn, Calif. This job is to be complete in early December.

The Public Works Contract Division, which is the local representative of the Western Division of the Naval Facilities Engineering Command, reports that work has been completed recently at a cost of \$14,826 on the construction of a security fence at Laurel Mt. by the C&W Fence Co. of Ventura, Calif., as well as on repairs to the SAM-D tower at the SNORT track that were handled by the Prichard Tower Co. of Sioux City, Iowa. The amount of this latter contract was \$29,500.

### New Bldg. at Randsburg Wash

Included on the list of recently awarded contracts was one for the construction of a new building in the Randsburg Wash area that is being built at a cost of \$359,123 by Morrison and Son of Lancaster, Calif. This is a single-story concrete block structure, nearly 5,200 sq. ft. in size, that will be used to house computers and allied electronic equipment.

Service-type contracts that have been renewed for the coming year, the firms handling such work, and the amounts of the contracts, are as follows:



**ADMIRALS BRIEFED** — W. F. Porter, head of the Weapons Department (upper left picture) and Center Commander Capt. F. H. M. Kinley brief Rear Adm. J. H. O'Hara, Director, Tactical Air, Surface, and Electronic Warfare Development Division of the CNO's Office, and Vice Adm. Parker B. Armstrong, Director, Research, Development, Test and Evaluation. In the lower picture Technical Director (Acting) R. M. Hillier discusses a project in the Air Test and Evaluation Squadron 5 Hangar with Lt. Terry Magee (far left), Vice Adm. Armstrong, and VX-5 Executive Officer Cdr. M. D. Munsinger. Admirals Armstrong and O'Hara were brought up to date on current weapons programs at Michelson Laboratory, Sea Site at Randsburg Wash test range, and at the airfield during their recent visit to NWC. —Photos by Randy Eady and PHI Robert Ziesler

## Scheduling, coordination of tests vital to safe use of NWC ranges . . .

(Continued from Page 1)

range and project personnel involved an overview of the upcoming week's tests in order of their importance.

With this schedule in hand, Doyel checks into a variety of factors, such as aircraft and hardware readiness, weather forecasts, personnel availability, and support equipment readiness. He notifies range safety personnel of the types of weapons to be delivered and he checks with Roy Roglin, frequency management coordinator, who issues authority for each test to use a specific frequency that will not interfere with frequencies used by simultaneously occurring tests.

### Last-Minute Changes Routine

Doyel then reconciles these factors with working documents for all tests that detail equipment, range, and airspace requirements, and comes up each day with a schedule for the next day's tests. Even this daily schedule is not locked in, however, but constantly changes to reflect last-minute modifications or cancellations.

How do range and project people keep track of these frequent scheduling changes? An organized system of personal contacts, telephone, teletype, and/or closed-circuit television is used to relay these changes quickly. Video display units located throughout the operations and project areas give people a quick look at up-to-date scheduling changes.

Improvement of the scheduling and communication system by computer automation was one of the recommendations made in the Project 21 long-range study for range modernization. The first phase of implementation of this

recommendation is already under way.

"Presently we feed a punched IBM card for each test into an old Raytheon 704 computer located here at Hangar 3 as a step in generating the tentative daily and weekly test schedules," Doyel said. "This system is outmoded, slow, and subject to computer breakdowns; to solve this problem, we are working out plans to communicate directly with the Univac 1110 central site computer in Michelson Laboratory."

"There's no point in having people handle cards when you can deal directly with the computer," added Joe Dorgan, an employee of the Range Department's Data Reduction Branch, who is on assignment to the Air Projects Group in order to coordinate the new computer hookup and project data requirements.

### New System Being Developed

Don Schlunkert, in charge of programming for the Data Reduction Branch, is establishing input/output and operational specifications, and Carol Gillespie, of Computer Sciences Corp. in Ridgecrest, is working on software to make the hookup with the central site computer. Once all requirements have been transferred from the 704 to the 1110, the Range Scheduling Office will put the new system into effect.

"We expect the time we spend interfacing with the computer to be cut initially by about 30 percent," Doyel said. He indicated that future time savings would be even better.

For now, only the existing system is being duplicated. "We want to get on-line before we start making improvements," Dorgan explained. But there are plans to aid and speed through the use of the computer the

planning presently done by Doyel. For instance, matching of test instrumentation needs with available instrumentation could all be computerized. With a complete history base stored in the computer memory, it would be easy to compile such information as frequency of cancellations or the number of tests performed of a particular type.

With the addition of a hard copy device, it will also be possible to provide in-

stantaneous copies of an accurate schedule to anyone with access to a display screen.

"The person who sits in this office has to be extremely familiar with the various programs, with their land and airspace requirements and instrumentation needs," Doyel said. "With computer modernization, we'll be less dependent on one person's intimate knowledge of test requirements and facilities to accomplish all scheduling and we'll be able to meet the needs of all range users with a quicker response to test changes and cancellations."

## Major Hart . . .

(Continued from Page 1)

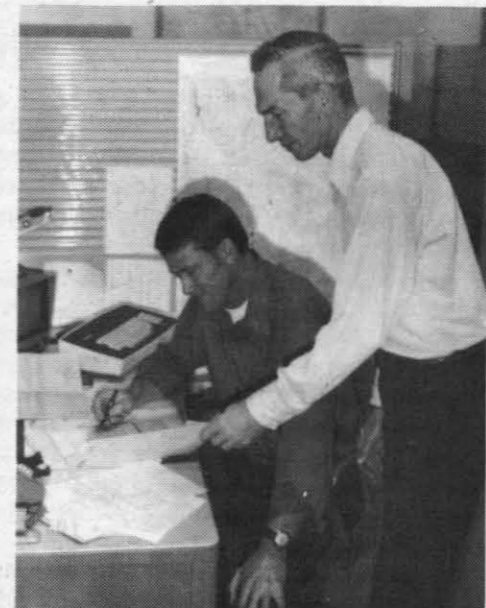
awarded two Bronze Stars, nine Air Medals, a Purple Heart Medal, Vietnamese Cross of Gallantry and Combat Action Ribbon.

After returning from Vietnam, his horizons as a Marine Corps officer were expanded by attending the Marine Corps Amphibious Warfare School at Quantico, Va., in order to learn about various aspects of air and ground operations during ship to shore landings.

Duty as an air-to-air gunnery instructor at Beeville, Tex., with VT-26 then preceded a tour of duty at the U.S. Air Force Test Pilot School at Edwards Air Force Base, where Maj. Hart was serving when he was transferred to VX-5 in January 1975.

The 12 year veteran of service in the Marine Corps is currently in charge of the evaluation of the A-4M Skyhawk Angle Rate Bombing System and the air-to-ground operational evaluation of the F-14 Tomcat.

Maj. Hart was accompanied to China Lake by his wife, Barbara, and their son, John, who is 20 mos. old.



**SCHEDULE JUGGLING** — Tom Doyel (seated), head of the Test Scheduling Office, discusses range scheduling requirements with Dick Truax, a project engineer in the T&E Directorate's Air Projects Group, who serves as facilitator for many of the air-to-air tests run on G-1 Range.



**DESERT TRAINING EXERCISE HELD** — Seabee Reservists from China Lake Detachment 0217 spent a recent weekend at Pilot Knob ranch in the Mojave B range area where they were involved in a simulated tactical situation and carried out work on three ecology projects. Members of the local unit, under the command of Lt. Paul Miles, were joined by active duty Seabees assigned to the Public Works Department's Self-Help Projects Office, other Seabee Reservists from a Public Works support unit in Bakersfield, and a few local Sea Cadets, under the command of Lt. Tony Klissus — a total of 50 in all. In the upper and lower photos at left, repair work is being done on the windmill at upper Pilot Knob. At this location, leather bushings were replaced and new pipeline was installed in places where the old was rusty and deteriorated. The men shown atop the windmill are securing the blades to insure that they wouldn't be able to move while the repair work was being done. E01 Mart Hinojosa (back to camera in upper photo) was the crew leader on this project. Others were E03 James Nelson (from Bakersfield), EC2 William Hickok and UT3 Mike Cannon. The Seabee Reservists also focussed their attention on raising a windmill in place at the lower Pilot Knob well (top photo in center), where it was necessary not only to erect the windmill but to construct a foundation for it by using sections of railroad rails that were welded together and then cemented in place. Preparing to do just that are E03 Nelson and UT3 Cannon. The latter is an active duty Seabee assigned to NWC. One of the pieces of heavy equipment put to good use by the Seabee Reservists was the grade-all (upper right photo) that was

used at Granite Spring where excavation was necessary to clear the spring and expose its water for the benefit of wildlife in the area. EO3 Wiley Allen was at the controls of the grade-all as this photo was taken, while EO1 Carl Nyholm is seen checking on the progress of the work. Another shot of the work at this site (center photo) shows the plywood and timbers used to shore up the sides of Granite Spring. Looking over this work are Ens. Wallace Fletcher and Sea Cadet Jack Sherwood, while the dog in the photo is a pet owned by EO1 Allen. This excavation was later covered to prevent rocks from falling into it or large animals from destroying the water hole. Making sure that the men involved in this desert training exercise had good, hot food to sustain them during their energy-consuming tasks was the job of BU1 Bob Burkhart (on right), who is shown in the field kitchen with MSSN James Hernandez (from Bakersfield). The Seabee Reservists' Saturday night meal included barbecued steaks and, since this was a training exercise, the men also consumed one C ration meal in the field at noon on Saturday. In the lower right photo can be seen work that was done to develop a covered catch-basin type reservoir and clean out the well at Stone Corral. Plastic pipe was installed by UT3 Cannon (shirtless), who is watching as Sea Cadet Joe McKnight and Sea Cadet Lt. John Sherwood couple sections of the pipe together. Nearest camera in this photo is BUCA Ken Andrews, an active duty Seabee. A total of 15 vehicles, ranging from pickup trucks to road graders, was used for transportation and in carrying out the work that was accomplished during this weekend training exercise. —Photos by CM2 Jerry Morrison

## Motorists urged to take special care this weekend

By Billie Hise

Labor Day weekend is ahead and then school will be starting.

Traditionally, many drivers will be on the roads to take advantage of the last holiday before school begins. Take special care if you are going to be driving over this busy holiday.

Plan ahead, check your schedule and allow yourself time for rest stops. Arrange to have someone take turns with the driving if you can. Discuss some of the driving hazards you might encounter. Try to keep alert at all times. Check the roadway ahead. Identify possible problems. Decide what you might do it. Watch for pedestrians, bicyclists and motorcycle riders.

Pull off the road if you have a problem that will take your eyes from the road. Some accidents have resulted when a driver dropped a cigarette, the tape deck needed adjustment, a child was crying in the back seat or the driver looked at a road map.

Each area has its special problems. If you are going to the mountains, a good rule of thumb is to use the same gear when driving downhill that you used to get up the grade.

Remember, it takes longer to stop on a downhill grade. Never coast downhill with the clutch disengaged. Driving too fast and on the wrong side of the road on a curve are two causes of accidents in mountain driving.

If you will be driving in the stop-and-go traffic of the city, check intersections closely. Look for signs and signals and signal your intentions early when you are planning to turn left, slow down, or stop. Keep your distance from the car ahead and watch for someone tailgating you. Try to avoid rush hour traffic, and check the map before starting out so you will know your route and freeway exits.

Plan an escape route just in case an emergency does occur — a child darts out, your hood flies up, a cow tries to cross the

road ahead of you, another vehicle crosses into your lane, or a tire blows out.

What if the driver ahead slams on his brakes? Do you always try to give yourself enough space to handle a problem like that?

If you are going out on the desert, be sure to take two cars in your party. Always let a responsible person know where you are going and when you expect to return. Take extra gas, oil and plenty of water for everyone and the cars.

Plan for the kind of emergencies you might have. Do pack a kit containing first aid items, matches, sunburn lotion, etc., as well as your picnic lunch. Dress the kids in bright clothing so they can be seen easily just in case.

Have fun, not an accident, this Labor Day.

Drive Safely — Don't Make It Your Last

# ★ LABOR DAY ★

## Navy Leaguers to hear report about Sea Cadets' training

Monthly meetings of the Indian Wells Valley Council of the Navy League will be resumed next week.

Following a summer vacation lull, local Navy Leaguers, headed by Dianne Murray, as president, will meet next Thursday, Sept. 8, at Mr. P's in Ridgecrest.

A social hour at 6:30 p.m. will precede a buffet dinner, and the evening's program, which will feature presentations by a trio of local Sea Cadets, will follow.

Members of the NWC Naval Sea Cadet Corps Division who will be introduced by Lt. A. J. Klissus, their commanding officer, and then tell about their summer training activities are Cadets Nick Gagich, Richard Evert and Kary Fletcher.

Cadet Gagich, who is from Trona, spent some time in Victoria, British Columbia, and at the Sea Fair in Seattle, Wash., during a 3-week cruise on board the USS Meyerkord.

Cadets Evert and Fletcher were two of the twelve members of the local Sea Cadet unit who completed recruit training during two weeks at the Naval Training Center in San Diego.

Evert later received on-the-job training on board a tugboat while assigned to the Service Command of the Naval Station, San Diego, and Fletcher spent another two weeks attending Constructionman School at the Construction Battalion Command in Gulfport, Miss.

## Wide range of Civil Service exam study guides available

The Center Library has a wide range of Arco Publishing Co. study guides aimed at helping individuals score high on Civil Service examinations.

These "self-tutors" are designed to aid in preparing prospective Federal government employees for Civil Service exams. Each book contains practice questions which have been selected from previous test questions, and are organized into the subjects that are likely to be included on the test.

As individuals answer these questions, the subjects will take on a greater meaning. At the same time the reader will gain valuable practice in answering test questions.

Those studying in this manner, will get the feel of the entire examination. In short, what can be learned from these books will help individuals to give the best possible account of themselves on the actual Civil Service exam.

The Center library's collection covers a wide range of job types, such as administrative and supervisory, bookkeeping, accounting, clerical, engineering, fire fighting, police, Postal Service, and social work.

The library also has study guides for the Navy's basic test battery, Air Force placement, Army classification, and officer candidate tests.

## Rock music gp. to play for dances at Shuttle

Jabberwocky, a rock music group from San Francisco, will be performing at The Shuttle tonight and tomorrow night from 9 to 1 a.m.

The Shuttle also will be featuring "Spice," a Los Angeles rock group on Thursday, Friday, and Saturday, Sept. 8 to 10. "Spice" will play from 7 to 11:30 p.m. on Sept. 8 and on Friday and Saturday, Sept. 9 and 10, from 9 p.m. to 1 a.m.



**TO ENTERTAIN HERE** — Members of the St. Mary's Ballet Folklorico, from Redlands, will present a demonstration of Mexican folk dancing at the Chief Petty Officers' Club on the evening of Tuesday, Sept. 13. This is just one of the activities scheduled during a Mexican-style bazaar that will be a part of the local observance of National Hispanic Heritage Week, Sept. 11 through 17.

## Special events slated during Nat'l Hispanic Heritage Week

Plans were announced this week for a variety of special events that will mark the local observance of National Hispanic Heritage Week, which is to be celebrated Sept. 11 through 17.

Activities being arranged by the Naval Weapons Center's Spanish Speaking Program Committee and Los Amigos Hispanos in Ridgecrest will get under way on Tuesday, Sept. 13, with a luncheon that will be held from 11:30 a.m. to 12:30 p.m. at the Commissioned Officers' Mess.

Guest speaker for this occasion will be Dr. Raymond J. Gonzales, who has been serving since January 1976 as a member of the State of California's Educational Employment Relations Board.

### Former State Assemblyman

In 1973 and '74, Dr. Gonzales represented this area in the State Legislature as the Assemblyman from what was then the 28th Assembly District, and he subsequently was appointed by Governor Jerry Brown to serve as the chief policy person for the administration of the Governor's Child Care Services System and executive secretary to the Educational Health Manpower Commission.

An educator by profession, Dr. Gonzales was an instructor at California State College in Bakersfield at the time he was elected to the State Assembly.

Reservations for the luncheon at which Dr. Gonzales will speak can be made now by calling the NWC Equal Employment Opportunity Office, ext. 2348, on week days on or before Monday, Sept. 12.

On that same evening (Tuesday, Sept. 13), the lanai at the Chief Petty Officers' Club will be the setting for a Mexican-style bazaar from 6 to 11 o'clock. There will be music by a mariachi band, a pinata party for young children, and a demonstration of Mexican folk dancing by the St. Mary's Ballet Folklorico from Redlands. Booths will be set up at which south of the border-type foods will be featured.

### Art Festival Scheduled

On Wednesday and Thursday, Sept. 14 and 15, National Hispanic Heritage Week activities will shift to the Community Center. An art festival is scheduled from 11 a.m. to 5 p.m. on Sept. 14 in the Cactus Room. On display will be paintings and sculpture by artists of Hispanic descent from southern California, as well as some items from local private collections.

Plays for the Living of Southern California will return to the Naval Weapons Center on Thursday, Sept. 15, for two performances of "The Lonely Journey of Miguel Martinez," which is to be presented from 11 to 11:30 a.m. and from 1 to 1:30 p.m., also at the Community Center. NWC employees who attend either presentation will receive Equal Employment Opportunity training credit.

On Friday, Sept. 16, there will be a dinner

and dance, sponsored by Los Amigos Hispanos, at the Elks Club, 200 E. Church St., Ridgecrest. Mexican food will be on the menu for the dinner, which will be served from 6 to 8:30 p.m., and dancing to music by a group called "Image," is scheduled from 9 p.m. to 1 a.m.

There is a donation of \$6 per person for the dinner and dance at the Elks Club. Tickets can be ordered by calling Toni Goff at NWC ext. 2206.

Also on Friday, Sept. 16, the Commissioned Officers' Mess will be celebrating National Hispanic Heritage Week by serving an authentic Mexican buffet-style dinner from 7 to 9 p.m., followed by dancing to the music of Teddy Phillips and the Mexicali Brass, a musical group from Los Angeles.

Tickets for this event are priced at \$10 per person, and reservations can be made now by calling 446-2549.

An open gate policy will be in effect at the Naval Weapons Center for local area residents who wish to attend the various events that are planned in connection with National Hispanic Heritage Week.

## Extra care needed to prevent forest fires on Labor Day holiday weekend

The Labor Day holiday period is normally a heavy use weekend on the Sequoia National Forest as many people take advantage of a three-day outing before school starts.

"With the anticipated additional campers in the forest, there is more likelihood of campfires escaping," John A. Leasure, forest supervisor, noted. "We are asking visitors to the Sequoia National Forest to be extremely cautious with any use of fire. The effect recent rain on the forest has disappeared and the fire danger is very high again."

Because of the extremely dry conditions, everything must be done to prevent fires from starting, Leasure emphasized. "The recent Bonita and Beartrap fires exhibited wildfire intensity and rate of spread that we have never seen before on the forest," he

added.

Fire restrictions remain in effect because of the continued dangerous fire hazard.

"We have divided the Sequoia National Forest into high hazard, moderate hazard, and exempt areas. Weather patterns, fuel types and concentrations, and terrain were considered in establishing these areas," Leasure explained.

### Tight Restrictions Necessary

In high hazard areas, people are not allowed to have any fire except in a developed campground. Smoking will be allowed only in closed vehicles or developed recreation areas. Off-road vehicles and motorized equipment including chainsaws are restricted to roads. Welding and blasting is allowed only with a Forest Service permit.

High hazard areas include the area north and west of Grant Grove to the Pine Flat Reservoir, the Tule River drainage, the Western Divide, Lloyd Meadow Basin, and the Kern River Canyon.

In moderate hazard areas, campfires are allowed in developed recreation areas only. However, gas, jellied petroleum, or pressurized liquid fuel stoves may be used outside developed recreation areas. Also, smoking will be allowed only in closed vehicles or developed recreation areas. Welding and blasting is allowed only with a Forest Service permit.

### Moderate Hazard Areas

Moderate hazard areas include the Hume Lake Basin, the Little Kern Basin, the northern Kern Plateau including Monache Meadow and the Piute Mountains.

Exempt areas include Mineral King, Domeland Wilderness, Scodie Mountains, and the Jennie-Weaver Lake area.

Special fire restriction maps are available free at Sequoia National Forest offices in Porterville, Springville, Pinehurst, California Hot Springs, Kernville and Bakersfield. Forest visitors are urged to stop and pick up a map before entering the Sequoia National Forest.

"We know that these restrictions will cause inconvenience to some visitors but the forest will remain open for the public. The exempt areas are not affected by these restrictions," Leasure continued.

"The number of man-caused fires is less this year than in past years. We attribute that reduction to the efforts of the public to being careful with fire. With their continued care, we are hopeful that we will be able to avoid any more disastrous fires. We don't want any more fires like the Bonita and Beartrap fires which recently destroyed over 12,000 acres of Sequoia National Forest," Leasure concluded.

## History course with emphasis on local events slated

A new course in California history, with emphasis on local events, will be offered by the Burroughs Adult School this fall.

This class, which is to be taught by Arthur Merrill, will begin on Sept. 12 and will be held on Mondays, from 6:30 to 9:30 p.m. in Rm. N-55 at Burroughs High.

Subject matter to be covered will range from archeological finds, through the Rand District mining boom, to the present day development of Ridgecrest/China Lake. Geography and the people of California will also be important aspects of the course, and Merrill will include lessons on his pet topic: the western frontier.

As with all Burroughs Adult School classes, registration for California History will take place the first night of class. No pre-registration is necessary and there is no tuition charge.

Additional information about this, or any other classes to be offered by the Burroughs Adult School this fall, can be found in schedules that are available at local area schools and libraries.



**FIRELINE DETONATOR PATENT** — Shown at a recent patent award ceremony are (standing, l.-r.) Dr. E. B. Royce, head of the Research Department; Capt. R. B. Wilson, Public Works Officer; Dr. Carl Austin, head of the Geothermal Utilization Division, and John Pearson, head of the Detonation Physics Division. In front are Samuel W. Kendall and Carl C. Halsey. Austin, Kendall and Halsey received a patent for the development of a fireline cord detonator — a compact, reliable, non-incendiary device which attaches to a length of explosive fireline cord, used to clear a path through a wooded or brush covered area. The blast from the cord not only clears the path of any combustible material, but also disperses a fire retardant solution over a wide area to prevent new fires caused by heat and flame from the explosive blast. Dr. Austin also received a sustained superior performance award for work accomplished while he and the other patent awardees were in Pearson's division before the new Public Works Geothermal Utilization Division was formed. —Photo by PH3 B. J. Beckman