

# CLOTA's Annual Awards Banquet Planned Feb. 1

After a year of varied theatrical fare, the Community Light Opera and Theater Association will celebrate the completion of the 1974 season and the commencement of the new 1975 season with its annual awards banquet.

Set for Saturday, Feb. 1 at the Commissioned Officers' Mess, the banquet will feature election of members for the CLOTA board of directors, presentation of awards, announcement of next season's program, and the opening of the season ticket campaign. The festivities will begin at 6:30 with a no-host social hour. Dinner will follow at 7:30 and dancing to a live band will round out the evening's activities.

Reservations Due Jan. 30

Tickets for the CLOTA banquet cost \$6 apiece. Reservations should be made as soon as possible, but no later than next Thursday, Jan. 30. Carol Woolbridge, who can be contacted by calling 375-4967, and Shari Hamre, phone 375-5769, are taking reservations.

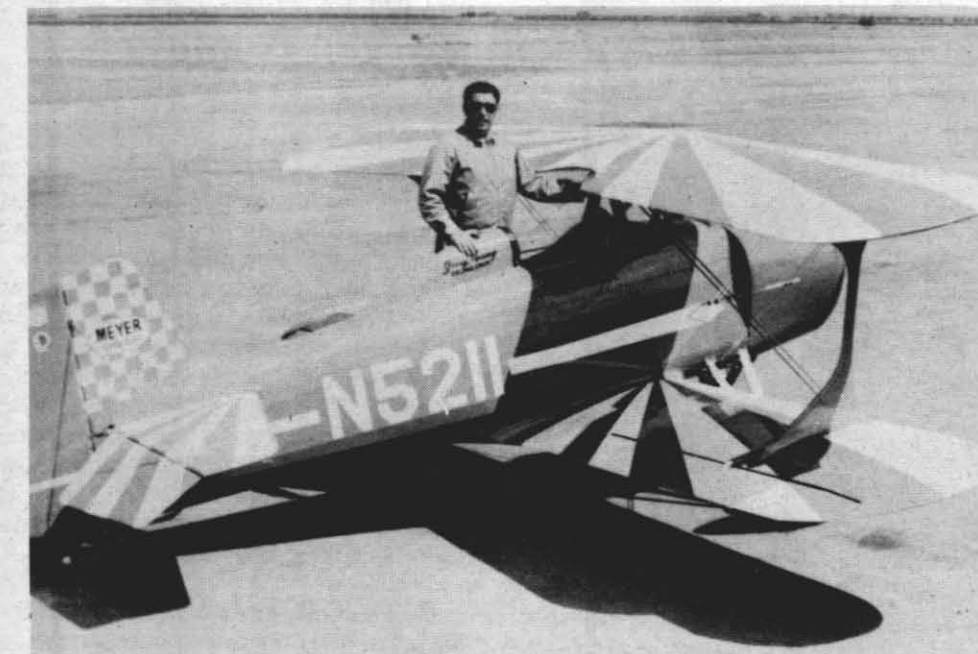
Awards to be given have been decided on by a panel of local theater enthusiasts who attended all of last year's CLOTA productions. The judges had the difficult task of reaching an agreement among themselves on the year's best in six categories including Best Actor and Actress, Best Supporting Actor and Actress, Best Technical Contribution, and Best Production. In addition, the CLOTA board is expected to present the third Jane Bugay Memorial Award — a yearly award to acknowledge sustained and outstanding support of CLOTA over the years. Previous recipients of this award are Vivian Childers and Eduardo Romero.

Varied Productions Staged

CLOTA productions for the past year have ranged from gripping drama to musical comedy. The season began with a moving production of "The Miracle Worker," starring Cathy Carter and Elena Vitale and directed by Gail Falkenberg. Next "Company," with Stacy MacGregor in the pivotal role of Bobby, provided a musical commentary on today's marriages. It was directed by Florence Green.

"Who's Afraid of Virginia Woolf?" pitted antagonists George and Martha, played by Nick DeBonis and Florence Green, against fate and each other. This production was directed by Elena Vitale. Rounding out the season in a witty charade with music was "Ring Round the Moon," directed by Eduardo Romero. The versatile John Clark played dual roles in this last CLOTA production.

A business meeting conducted by Larry Sawyer, CLOTA president, will feature an election to fill five vacancies on the CLOTA board of directors.



**HOMEBUILT AIRCRAFT TO BE FLOWN** — Gerry Massey from Delano is scheduled for another appearance tomorrow at the Inyokern Air Intercept in his Meyer "Little Too" homebuilt airplane. Although small in size, the "Little Too" is capable of a wide variety of intricate aerial maneuvers.



**AIR SHOW PERFORMER** — C.V. (Cliff) Anderson will bring his blue and white Model SA-100 Starduster biplane to Inyokern tomorrow for the fourth annual air show. One of the many aerobatic experts who will be lending their talents to this year's event, Anderson's career in aviation includes air show performances, an extensive crop-dusting business from which he is now retired, and an avocation of building his own airplanes.

## Topnotch Aerial Show on Tap Saturday at Inyokern Airport

For the aviation-conscious populace of the Indian Wells Valley and surrounding areas, tomorrow will be a big day at the Inyokern airport, which will be the setting for the fourth annual Inyokern Intercept air show.

This event, sponsored by the High Desert Detachment of the Marine Corps League, is being staged as a means of raising funds that will be donated to Guide Dogs for the Blind, Inc., and used to enable some blinded ex-servicemen to receive special instruction along with the trained canine companion assigned to him.

Proceeds from the donation of \$2 per person by those 16 years of age and over who attend this popular event will be used to help cover the cost of this training.

Famed Pilots To Perform

Nearly a dozen aircraft pilots renowned for their aerobatic skills will thrill spectators on the ground as they put their light planes through a variety of intricate, low level maneuvers.

Among those scheduled to donate their skills are Bob Hoover, in his P51-D Mustang; Mira Slovak, flying his Bucker Jungmeister; Jim Barnard, in a Super "T"; Cliff Anderson, at the controls of his "Starduster"; and Ken Brock, who will put a Benson gyrocopter through its paces.

The lineup of star aerial performers also includes Jim Lasley, whose fun-filled "Col. Blunderbird" act is always a crowd-pleaser; Gerry Massey, in his Meyer "Little Too"; Able August, with Golden West

Airlines' DeHaviland Otter; Bob Guilford, who flies an FAU7 Corsair dubbed the "Blue Max," and Andy Andrews, in his miniature-size Rallye 220 "Yankee Doodle Andy."

The action-packed air show, which is scheduled to begin at noon, will be preceded by a hand-launched glider contest open to youngsters 13 years of age and under, a 4-H Club guide dog demonstration, and flights of radio-controlled model aircraft arranged by members of the Valley Vultures.

In addition to a static display of their own model aircraft, the Valley Vultures will bring to Inyokern two representatives of Kraft Systems, Inc., manufacturers of radios for radio-controlled model aircraft, to put on a demonstration of the flight capabilities of such miniature planes.

For homebuilt and antique aircraft buffs, a variety of experimental planes will be on display, and booths will be set up exhibiting the activities of such local groups as the Experimental Aircraft Association, the Cerro Coso Community College's model ATC-510-G flight simulator, the China Lake Mountain Rescue Group and the Civil Air Patrol.

Airline Contest Grand Prize

Grand prize in the glider contest, which is scheduled from 8 to 11 a.m., is a gas engine-powered model airplane. In addition there will be first, second and third place trophies for the winners and runners-up in each of the following age groups of the contest: 8 years and under; 9 and 10-year-olds; 11 and 12-year-olds, and those 13 years of age.

Guide dog obedience trials conducted by 4-H Club members from the local area, as well as from surrounding communities, will get under way at 10:30 a.m.

In addition, sailplane rides will be offered at a cost of \$10 per passenger by members of a group called Sierra Soaring of Inyokern, who will donate a portion of the money collected to the Marine Corps League as a means of assisting with Saturday's fund-raising event.

For those whose appetites are whetted by the outdoor activity, there will be plenty of food and drinks available — ranging from breakfast fare through dinner.

Dance Planned at COM

The Good Times Band has been booked for a dance tonight at the Commissioned Officers' Mess, beginning at 9 o'clock.

Drake Dierkhising, club manager, invites all members and their guests to partake of the broiled lamb loin chops — the Friday night special — in the dining room and stay around for the dance.

In addition, Dierkhising reminded all members that the club will be closed tomorrow for the NWC Officers' Dining Out.

# SHOWBOAT

MOVIE RATINGS

The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.

- (G) - ALL AGES ADMITTED  
General Audiences
- (PG) - ALL AGES ADMITTED  
Parental Guidance Suggested
- (R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian
- CS - Cinemascope
- STD - Standard Movie Screen
- Regular starting time—7:30 p.m.
- Matinee—1 p.m.

FRI. 24 JAN.

"BANG THE DRUM SLOWLY" (98 Min.)

Michael Moriarty, Robert DeNiro (Drama) Robert DeNiro is a catcher for a fictional baseball team, the New York Mammoths. When his roommate, Michael Moriarty, learns that Robert DeNiro is dying of Hodgkin's disease, he takes it upon himself to keep the news from the team. (PG)

SAT. 25 JAN.

"CRYPT OF THE LIVING DEAD" (85 Min.)

Patty Sheppard, Mark Damon (Horror Drama) On his crusade to the Holy Land during the 12th Century, King Louis the VIII had to bury his beautiful bride alive in the secret cave of Vampire Island. The Hauma has slept undisturbed through 700 years until Professor Bolton discovers her burial site. (PG)

SUN. 26 JAN.

"JUGGERNAUT" (109 Min.)

Omar Sharif, Richard Harris (Adventure Drama) The luxury liner Britannic on a holiday cruise with nearly 1,000 passengers and crew aboard, is threatened by news that an extortionist has planted seven bombs on the ship, all of them set to go off, if a ransom is not paid by the steamship company. (PG)

MON. 27 JAN.

"O'LUCKY MAN" (167 Min.)

Malcolm McDowell, Ralph Richardson (Satire) A young man travels the classic road to success—move fast, talk faster and never say "no" to a beautiful girl. (R)

TUES. 28 JAN.

"CLAUDINE" (92 Min.)

Diahann Carroll, James Earl Jones (Drama with Comedy) Diahann Carroll (Claudine) is a 36-year-old maid whose job violates the welfare benefits she receives for her six children. Carroll meets trash collector, James Earl Jones, and their affair progresses smoothly until the social worker and the children begin to present problems. Jones proceeds, against all odds, to marry Carroll. (PG)

WED. 29 JAN.

"JESUS CHRIST SUPERSTAR" (96 Min.)

Ted Neeley, Carl Anderson (Musical) This rock opera tells of the last seven days of Christ (Ted Neeley) as interpreted by a group of young people who arrive in the Holy Land by bus. (G)

THURS. 30 JAN.

"THE GIRL FROM PETROVKA" (104 Min.)

Goldie Hawn, Hal Holbrook (Comedy Drama) Moscow-based Hal Holbrook, correspondent for the Chicago Herald, muses over an affair with Russian girl, Goldie Hawn. Hawn, who shares an illegal apartment with friends, soon takes up with Holbrook in his comfortable official residence. Holbrook would like to promote a romance, but refuses her offer of sex in exchange for the rent. (PG)

FRI. 31 JAN.

"INTERVAL" (93 Min.)

Merle Oberon, Robert Wolters (Drama) Middle-aged woman shares secret of her past marriage with a young artist. Their age difference causes a falling out, and finally her suicide. (PG)

Address Reports Due

Aliens serving in the U.S. Armed Forces and military members having relatives who are not citizens but residents of the U.S. are reminded that aliens in the United States and its possessions are required to report their addresses each year to the Attorney General during the month of January.

U.S. Government Printing Office: 1975-683-489 / N0162

From: \_\_\_\_\_

To: \_\_\_\_\_

PLACE  
STAMP  
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# nwc rocketeer

Naval Weapons Center  
China Lake  
California

Jan. 24, 1975

Vol. XXX No. 3

## Impact of NWC On Kern County Economy Aired

The Naval Weapons Center has had and will continue to have a substantial impact on the economy of the community in which its employees live and work, Rear Admiral R. G. Freeman III, NWC Commander, told a capacity audience during the annual Kern County Business Outlook Conference held Wednesday in Bakersfield.

The Center Commander's general forecast for 1975 was that "the business and community outlook for NWC and its neighbors in Kern County is bright, but not totally blue sky."

"We at the Center have our work cut out for us if we are to maintain our military capabilities at sea, and it will require more than just a spirit of cooperation for us to do our job. That is why I stress the community's role in the accomplishment of the Center's mission," RADM. Freeman stated.

At the beginning of his presentation on the general subject of "The Military Community and the Economy in Kern County," the NWC Commander made it clear that his overview should be recognized as an estimate of the situation, or what might be in store during the year ahead.

He emphasized the word "might," noting that if there is anything characteristic of these times, it is the rapidity with which changes are occurring.

The business of the Naval Weapons Center is responding to operational requirements from the Fleet, the speaker explained, noting that as a technically oriented laboratory complex, NWC's civilian and military personnel work principally in the front portion of the weapons systems acquisition process — the research and development phase.

"There is little question that the military posture of the Navy in the years ahead mandates a strong R&D effort today," RADM. Freeman stressed, noting that this is dependent on being able to increase the capabilities of ships, submarines and aircraft.

(Continued on Page 5)

## Community Council To Hear Teachers' Housing Questions

A special meeting of the China Lake Community Council's board of directors with Sierra Sands School District personnel residing on the Naval Weapons Center will be held on Tuesday, starting at 7:30 p.m., at the Groves School auditorium.

Purpose of the get-together will be to discuss housing problems of both teachers and non-certificated personnel of the local school district who now occupy homes at China Lake.

Jack McGinnis, an instructor at Murray Junior High School who is heading a housing committee for the Desert Area Teachers Association, estimates that there are around 60 school district employees who now occupy quarters at China Lake, but are faced with the prospect of having to vacate them later this year.

The role of the Community Council's board of directors at Tuesday night's meeting will be to listen to problems foreseen by the teacher group, and present a summary of this information to the NWC Command.



**DISTINGUISHED VISITORS** — Dr. Malcolm Currie (at right), Director of Defense Research and Engineering for the Department of Defense, and the Honorable H. Tyler Marcy (at left), Assistant Secretary of the Navy for Research and Development, are shown with Rear Admiral R. G. Freeman III, NWC Commander, as he met them just prior to a dinner and reception held in their honor on the evening of Jan. 16 at the Commissioned Officers' Mess. Dr. Currie and the Honorable Mr. Marcy were at China Lake to attend last Friday's meeting of the Commanders and Technical Directors of all Chief of Naval Material Laboratories. Purpose of the get-together was an interchange of technical information aimed at improving communications on problems of common interest, as well as to receive direction from the higher authorities present on policies to be followed. The list of attendees included James H. Probus, Director of Navy Laboratories; Admiral Isaac C. Kidd, Jr., Chief of Naval Material, and Vice Admiral William J. Moran, Director of Research, Development, Test and Evaluation for the Office of Naval Operations in Washington, D.C.

## No-Drop, Bomb Scoring System Devised

Nearly 70 persons from military installations and laboratories (including eight employees of the Naval Weapons Center), as well as representatives of several industrial firms, attended a conference that was held recently at the Holiday Inn in California City to compare notes and learn more about progress made at NWC on the Nike-Hercules missile radar conversion program.

As a result of the Army's decision to decommission most of the Nike-Hercules missile sites within the continental United States, a large number of X-band tracking radars became available as excess equipment.

These radars offer an excellent base for conversion to a highly accurate digital instrumentation radar, and their availability meant that government agencies had the opportunity to acquire a precision tracking radar at a greatly reduced cost. A savings of between \$200,000 and \$300,000 can be realized by using the pedestal and radio frequency (RF) components of the Nike-Hercules radar.

Significant Progress Made

Those attending the conference at California City were brought up to date on the significant progress made in just a few months' time by Naval Weapons Center personnel using a microprocessor that was borrowed from the Naval Post Graduate School at Monterey. This small, general-purpose computer was tied into the radar system at B-range to determine the feasibility of utilizing the Nike-Hercules radars as a no-drop, bomb scoring system.

Among those involved in this effort were Lt. Alfred Pease, a former data processing officer with Air Test and Evaluation Squadron Five at China Lake, who is now the Navy representative for the Military Research Associates Program at the

Lawrence Livermore Laboratory in Livermore, Calif.

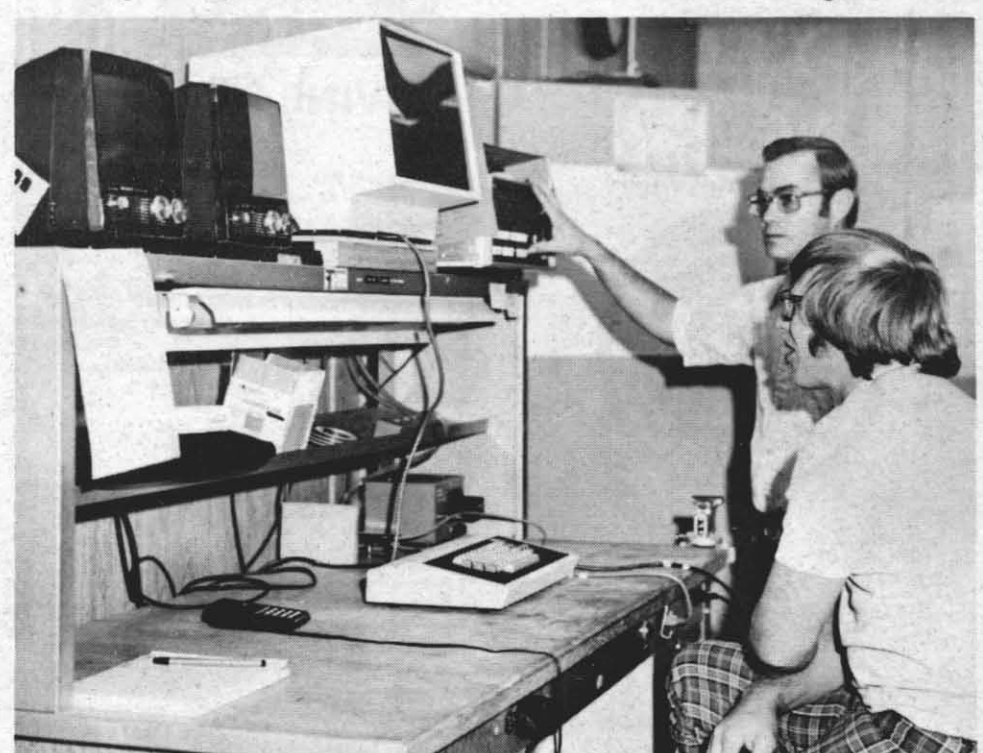
Lt. Pease came up with the idea that instead of dropping practice bombs to determine the accuracy of a particular free fall weapon delivery system, a radar tied into a computer programmed for this purpose could be utilized instead.

Not only would this make more practice bomb drop runs possible, but expenses

would be reduced by eliminating the need for using the dummy bombs.

Before the microprocessor became available on loan from the Navy Postgraduate School at Monterey, Lt. Pease had been taking real time data from bombing run tests and applying this information after the mission had been completed to predict (after the fact) where the bomb

(Continued on Page 3)



**KEY TO TEST PROGRAM** — Norman Nelson and Gordon Oland, two electronics technicians in Code 3721, position themselves by a microprocessor and display screen as they would during a test of the no-drop, bomb scoring system. Nelson has his hand on the microprocessor that was tied into the Baker range radar systems. On the display screen, the operators can determine the current position and velocity of an aircraft and the predicted impact point of a bomb or other free fall type weapon.

—Photo by Maurice Dias

## House-to-House TV Booster Fund Drive Set Sunday

Residents of the Indian Wells Valley should be prepared to greet collectors on Sunday when the TV Booster Fund Drive committee stages a door-to-door campaign throughout the entire area.

Residents will be asked to contribute \$20 per household to help raise the \$100,000 that is needed to keep television equipment operating at the Laurel and "B" Mountain booster stations.

Approximately six years ago, the Federal Communications Commission initiated a set of regulations governing the operation of booster stations such as those used in the Indian Wells Valley. The year before (1968) a fund drive had been held locally and new equipment was installed at the two stations for the transmission and translation of television signals.

Channel 28 Added

Following the 1968 fund drive, the committee added Channel 28 (received in the valley over Channel 55), an educational station from Los Angeles, which does meet the FCC regulations.

Although the China Lake Community Council's TV Booster Committee became aware that the equipment being used did not conform to the new regulations, they decided, because most of it was new, to do nothing about the situation. However, last year, with the prospect of cable television near, it was decided to legalize the booster stations.

Advice Sought From FCC

"If just one complaint was filed against us, we would have had to discontinue operations," said Don Stanton, head of the TV Booster Committee. "We notified the FCC ourselves and asked for directions on how we could continue to operate while making the changeover to equipment that conforms to FCC regulations," he added.

The FCC outlined the procedures that the Booster Committee would have to take, (Continued on Page 3)





BROWNIES LEARN WILDERNESS SAFETY — Carol Burge, a member of the China Lake Mountain Rescue Group, visited Brownie Troop 200 recently to teach the youngsters what to do if they became lost on a camping trip. In the photo above she is holding a whistle which the CLMRG believes is a great benefit to searchers. The Brownies were told to sit down and blow the whistle if they became lost, rather than wander around. In addition, Mrs. Burge narrated the CLMRG's "Lost Child" slide show, put together by Elizabeth Anderson, and answered questions from her attentive audience. Mrs. Burge spoke to the girls at the invitation of Mary Jane Jaeger, leader of Brownie Troop 200. —Photo by Ron Allen

### Local Observance of National Prayer Breakfast Planned Jan. 30 at CPO Club

The local observance of the National Prayer Breakfast will take place on Thursday, Jan. 30, at the Chief Petty Officers' Club. Breakfast will be served at 6 a.m., and the program that follows will be completed by 7:25.

This event at the Naval Weapons Center will be held in conjunction with similar observances across the country. The President of the United States, members of his Cabinet, and Congress will attend a Prayer Breakfast in Washington, D.C.

The breakfast provides an opportunity for military and civilian personnel to come together for this common cause of devotion and fellowship.

All adults are invited to attend. Since seating will be limited, those who desire to attend the program are urged to pick up tickets from representatives of the Protestant, Catholic, Hebrew or Unitarian sponsoring congregations, or at the NWC Chaplain's office.

An inspirational talk will be given by Rear

Admiral R. G. Freeman III, NWC Commander, and taped messages by the Secretaries of Defense and Navy are expected to be played.

Dr. Rex Shacklett, mayor of the City of Ridgecrest, will deliver the invocation. Master of ceremonies will be Lt. Col. J. R. Gibbons, USAF Liaison Officer at NWC. Robert Raful, Dean of Outreach at Cerro Coso College and president of the NWC Hebrew Congregation, will read from the Scripture.

The program will include the pledge of allegiance led by AMS2 L. A. Kilpatrick and opening remarks by Dr. G. L. Hollingsworth, NWC's Technical Director.

Special music will be presented by soloist Sandy Raines and a trio composed of Jan Arisman, Katie Barron and Eleanor Hartwig. John Pietras will lead those in attendance in song.

The benediction will be offered by Susanne E. Fountain, of the Unitarian Fellowship.

### PROMOTIONAL OPPORTUNITIES

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2069. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 656 or 657). 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 on any basis. All 30 customer grade minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.

**Supply Clerk (Typing), GS-2005-4, PD No. 492532Aml, Code 2532** — (This position will either be filled on a part-time or 36 hours part-time basis). This position is located in the Stock Control Branch, Control Division, Supply Department. Incumbent is responsible for establishing authority and method for issue or shipment of government property; preparation of shipping documents; furnishing shipment status; preparation of other pertinent documents and maintaining records on documents prepared. Job Relevant Criteria: Ability to type. Ability to apply requisitioning and issuing procedures. Knowledge of technical supply regulations, procedures, forms, and nomenclatures. Ability to work without close supervision. Advancement Potential: GS-5.

**File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ph. 2371.**

**Electronics Technician, GS-856-7, 10, 11, PD No. 7055082-2, Code 5523** — This position is located in the Guidance Evaluation Branch. The position is concerned with the preparation of the complete system tests on passive infrared detecting missile guidance and control groups. This involves set up, operations and calibration of complex test equipment. Duties include the design, development, and maintenance of specialized test equipment. Investigates, evaluates and analyzes GCG malfunctions. Job Relevant Criteria: Experience in design and operation of test equipment. Experience with optical devices and infrared. Knowledge of mathematics required for calculations in test arrangements and equipment. Previous applicants need not apply again.

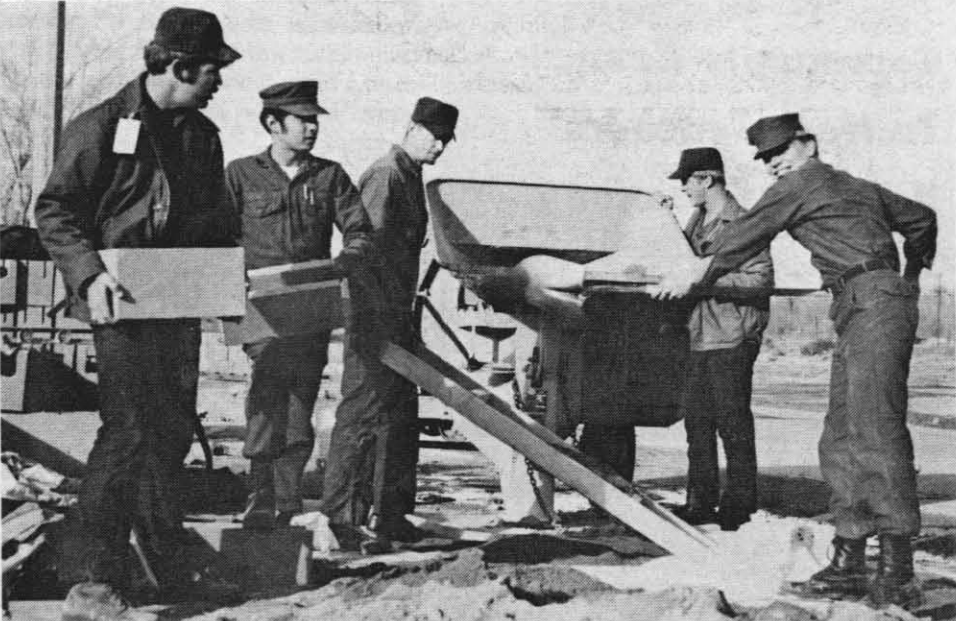
**General Engineer/Electronics Engineer/Mechanical Engineer, GS-801, 855, 830-12/13, PD No. 6955012, Code 55202** — This position is located in the SW/Chaparral Program Office. The position is that of associate project engineer for Chaparral Control Group. Responsibilities include coordinating the project team in the resolution of production problems, liaison with NASA, contractors and other field activities, review of contractor proposals, changes and initiation and review of value engineering changes for cost reduction of GCG. Job Relevant Criteria: Experience in project management. Experience or training in management. Knowledge of production and economic problems. Experience and education in the mechanical and/or electronics field.

**Electronics Engineer, GS-855-11/12, PD No. 7255067, Code 5523** — This position is located in the Guidance Evaluation Branch. Duties include engineering designs for which the incumbent has responsibility for a complete project including analysis and design for new functions or for the elimination of production problems. Also included is production engineering reviewing for performance and reliability, contractor submitted components and equipment. Liaison to solve manufacturing problems is a significant facet of the position. Job Relevant Criteria: Sufficient experience and education in electronics to contribute to effective consulting. Recent experience in design, redesign and performance evaluation of passive infrared guidance systems.

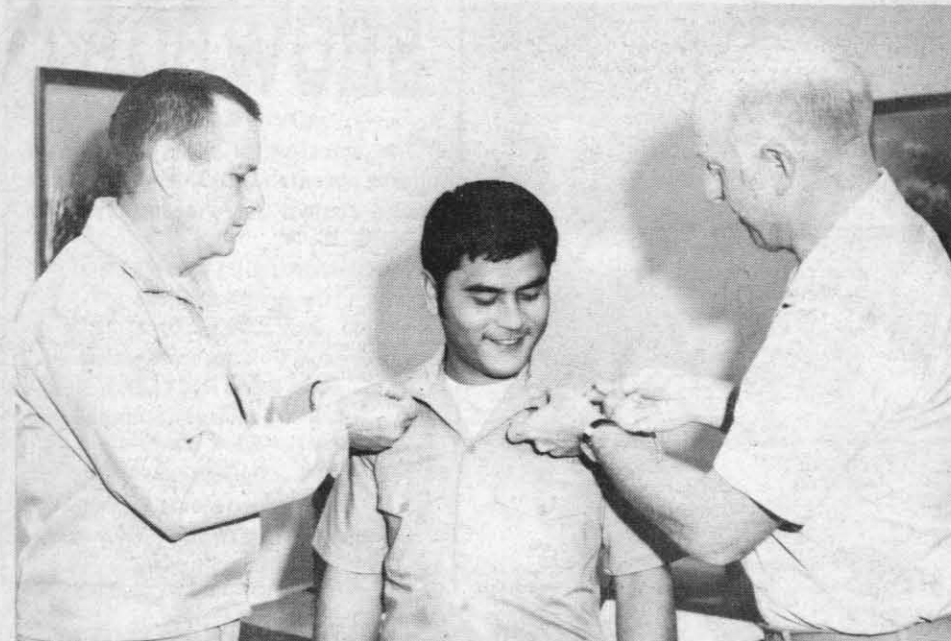
### Artist of the Month

Perry Kinman, a Burroughs High School sophomore, is the featured "Artist of the Month" of the Desert Art League.

Kinman's work is hanging this month in the Community Center. He has been painting since he was 12 years old when illness forced him to remain in bed for an extended period of time.



SEABEES ASSIGNED HERE — The first permanent regular Seabee personnel have recently been assigned to the Naval Weapons Center. Seen constructing a block wall at the NWC mobile home park are (l.-r.): BUCA James French, BUCA Francisco Serrano, BUCA Michael Foulner, BUCA Michael Murray, and SWCA Steve Russell. The first four men are all graduates of the Navy's Class "A" Builders' School, and Russell was graduated from the Class "A" Steelworkers' School, both at Port Hueneme. Their assignments at NWC will be to assist in "self-help" projects. In addition to construction of the block wall at the mobile home park, other projects the Seabees will be involved in are construction of a solar heating unit at the NAF swimming pool and assisting the Marine Corps League with preparations for the Inyokern Intercept Air Show tomorrow. Scheduled in the future, is the remodeling of a Little League baseball field in Johannesburg.



PROMOTED TO CHIEF PETTY OFFICER — Raleigh J. Nauta, assistant to the NWC Staff Judge Advocate, recently was promoted to the rank of YNC. Shown pinning on permanently the insignia Chief Nauta has been allowed to wear since being "frocked" a few months ago are Cdr. L. W. Gire, NAF's Executive Officer (r.), and ABCM C. O. Parr, leading chief at NAF. Nauta, a 13 year veteran of the U.S. Navy, came to China Lake in June 1972. He was selected as Bluejacket of the Month in January 1974. The newly-promoted CPO will continue to serve at NWC until July 1976. —Photo by Ron Allen

### HAPPENINGS AROUND NWC

Aviation rated enlisted men are being recruited for drill pay billets in a Naval Reserve Maintenance Support Unit that is now in the process of being established at the Naval Air Facility.

Present plans call for drills to be held for two weekends each month. Particularly needed are men eligible for aviation machinist mate reciprocating (ADR), and aviation electrician (AE) rates.

Persons interested in obtaining more information about joining this Naval Reserve unit are asked to contact any of the following: Cdr. G. B. Bailey, USNR-R, at NWC ext. 5462; Lt. D. L. Osborne, USNR-R, phone 446-2536; or ADCR John Sharp, at NWC ext. 5528.

### Special Seminars Continue

The Cerro Coso College spring program is continuing a special seminar called "Current National and World Affairs," according to Bob Raful, Dean of Outreach,

### Exercise 'Safety First' in Handling Scrap Ordnance

Incidents involving the mishandling of ammunition, explosives, and other ordnance scrap recently have indicated a need to re-emphasize the absolute necessity of "safety first" in handling hazardous—potentially hazardous—items.

Reports have come in of live ordnance items being deposited in dumpsters and dumps; of damaged "empty" containers of live ordnance; or rocket motors being turned into the Property Disposal Office scrap yard as inert scrap metal, which later ignited!

Other reports told of mixed ordnance items being left at the locked entrance to NWC magazine areas after working hours when no one was available to properly receive them.

The possibility of NWC employees—and particularly their children—coming into contact with some type of live ordnance material is great in these incidences. It is particularly important that all employees of the Center guard against incidents of this nature.

Ordinance items have a certain attraction to youngsters, and a dangerous item could find its way into a Center residence as a "souvenir."

If any such item is found, and is believed to be ordnance material, the finder should immediately call the Explosive Ordnance Disposal (EOD) Detachment, NWC ext. 6311. If any doubt exists as to the hazardous nature of an item, it should be treated as if it was dangerous, and EOD personnel should be called immediately.

The zero credit seminars meet each Thursday in the NWC Training Center from 7:30 to 9 p.m., and cover an unlimited array of topics presented by the most knowledgeable speakers who can be recruited by Raful and Lloyd Brubaker, science teacher at Murray Junior High School. The fall term presented discussion leaders on such varied subjects as religion, economics, drug abuse, environment, Afghanistan and Vietnam.

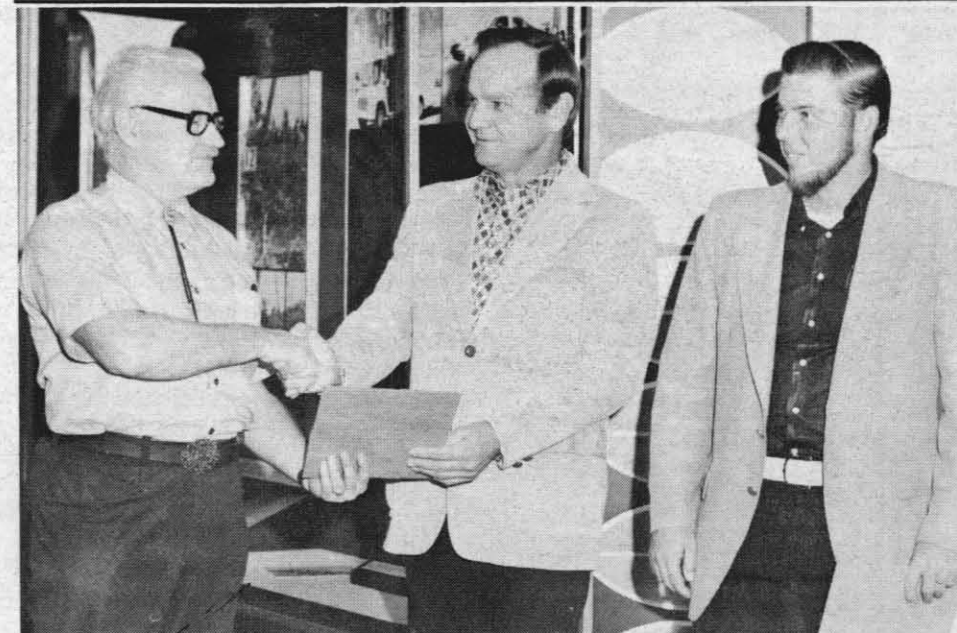
The seminars serve a double purpose for a group of local military reservists, who have been formed as a special study group to cooperate with the college in organizing the presentations and lively discussions. The weekly seminar then serves as the reserve military meeting.

### GEBA Assessment Due

Assessments are now due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of a former Naval Weapons Center employee, Charles McPeeters, age 50.

McPeeters, who had been employed in the Propulsion Development Department, died several months ago, but word of his demise was received here just last week. Larry Mason, GEBA and CLMAS secretary, reported.

Members are reminded by Mason to contact the collectors in their work area to pay this latest assessment, which is No. 324.



INVENTORS CONGRATULATED — H. T. Lotee (at left), head of the Engineering Department's Fleet Engineering Division, recently commended Leonard Terral (in center) and William Sake as he presented them with a holding award for developing a drill press eyelet for installing hot or cold eyelets in printed circuit boards. Terral and Sake, both electronics technicians, are coordinators of the Naval Air Systems Command's Avionics Module Repair Improvement Program under which Fleet personnel are trained and equipped to repair miniature and micro-miniature electronic modules used in Navy aircraft.

### Employee In The Spotlight



Carole Plante

"Health benefits, Carole." The listener to those words over the telephone is in for a special treatment. Carole Plante, the Health Benefits counselor at the NWC Dispensary, is a knowledgeable, capable and interested person. Serving in her special capacity at the Dispensary, she supplies needed information and assistance to all military dependents receiving medical care under the Civilian Health and Medical Program of the Uniformed Services (CHAMPUS).

Carole is practically a native of the Indian Wells Valley. Her father, James B. Downard, Sr., came here in 1945 and served as postmaster until 1959, when he retired.

Carole attended Murray School and was graduated from Burroughs High School in 1951. "When I was a youngster here, I can remember roller skating on the new walks in front of Michelson Laboratory, which was still under construction," she recalled.

### Met at Friend's Wedding

While attending a wedding of a friend, Carole met Archie Plante, then a member of the United States Marine Corps. Archie called her for a date soon afterward and the couple was married when Carole was graduated from Burroughs. Archie was sent to Korea for an 18 month tour and Carole entered Bakersfield College where she majored in education and business.

Arch returned in January 1953 and went to work for the Supply Department. Carole, who had been working in the summer for the Supply and Fiscal Department, quit in November of that year to have the first of her six children. In between babies she continued her career, taking time off only to have each child.

She transferred to Disbursing in 1956, and then into the Housing Division in 1958. Later she joined the staff of Internal Review and finally moved over to the Dispensary in 1964.

She started as an accounts maintenance clerk in the storeroom, where she worked until 1967, then moved into the senior Medical Officers' office as a secretary. She assumed her present duties in mid-1974.

### Moved to Weldon

In 1964, the Plantes moved to Weldon where they planned on building a home. The following year, however, they altered their plans and purchased seven acres in the Weldon area with a home already available for their use.

"That's the best move we ever made," Carole said. "We have fruit trees and our own garden, plus we raise cattle, hogs, sheep, chickens, and Irish setters," she added.

Carole claims the environment is "perfect" for the raising of children. The Plantes

have five sons and a daughter. "We quit when we finally got a girl," she joked.

The Plante children are Tony, 21, an agriculture major at Bakersfield College; Mark, 19, who is studying at Bakersfield to become an X-ray technician; Thomas, 16, a sophomore at Kern Valley High School; Michael, 11, who is a fifth grader at Southport Elementary School; and the two youngest, Tim, 3, and Melinda, who was 2 last Christmas Eve.

The boys, with the exception of Tim who is just learning, have always been very active with 4-H and Future Farmers of America. The Plante children have raised a number of champion steers and lambs. Tom will be taking what he hopes is a champion steer to the Cow Palace in San Francisco around Easter for the annual FFA show.

### Back in School Again

Arch, who received a medical retirement from Civil Service in 1971, has begun his freshman year at Bakersfield College. He hopes to become a teacher.

"The competition at school between the two oldest and Archie is something to see," Carole pointed out. "Each tries for better grades and the discussions at night at home are pretty hectic sometimes, but healthy," she added.

The family is very outdoorsy and gets in a good many hunting and fishing trips during the year. In addition, the three oldest boys are very athletic. Tony was selected as the Kern River Valley Lion's Club's athlete of the year in 1971, and Mark won the outstanding baseball award in 1973. Tom is very active in FFA and has held many offices in that organization.

Carole sews and works her own victory garden—one solid acre of vegetables and fruits. "My tomatoes and melons are the very best one can eat," she said proudly.

### Acrylic Painting Demonstration Set

L. T. "Bud" Shackelford of San Diego will demonstrate the art of acrylic painting at the next monthly meeting of the Desert Art League, which will begin at 7:30 p.m. Monday in the Community Center.

Shackelford, who is a demonstrator for Grumbacher Artist's Materials Corp. and the Strathmore Paper Co., was featured in the March 1967 issue of "American Artist" magazine. He is well known in the fields of watercolor and acrylics and has received more than 100 awards in major competitive exhibitions. In addition, the artist is represented in 150 different private collections throughout the United States.

Shackelford has served as president of a major California advertising art studio for the last 10 years and now devotes full time to painting, teaching and demonstrating.

Desert Art League members will have the opportunity to participate in a workshop on Tuesday when Shackelford will discuss numerous watercolor painting problems.

### 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

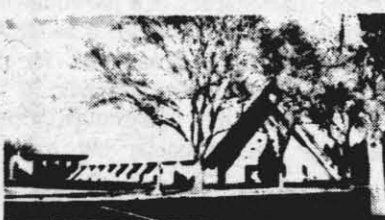
Jack C. Lindsey  
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Staff Photographers

### DEADLINES:

News Stories  
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3354, 3355, 2347  
Phones



### DIVINE SERVICES

PROTESTANT		
Sunday Worship Service	1015	
Sunday School - All Ages	0900	
Wednesday Noon Bible Study	1130	
Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the month.		
ROMAN CATHOLIC MASS		
Saturday	1700	fulfills Sunday obligation
Sunday	0700, 0830, 1130	
BLESSSED SACRAMENT CHAPEL MASS		
Daily except Saturday		1135
CONFESSIONS		
Saturday	1545 to 1645	
Sunday	0800 to 0825	
RELIGIOUS EDUCATION CLASSES		
Sunday	Kindergarten thru 6th grades	1015
	Pre-school	1130
Wednesday	First thru sixth seventh & eighth (Junior High)	1530
		1900

Above classes are held in Chapel Annexes across from Center Restaurant. As announced

Ninth thru 12th grades  
"In Home" Discussion Groups  
Monthly Youth Railies

Contact Chaplain's Office for specifics.

JEWISH SERVICES  
EAST WING - ALL FAITH CHAPEL  
Friday 1st and 3rd ONLY - (Sept.-May)

Sabbath Services 2000  
Saturday Sabbath School 0900

UNITARIANS  
CHAPEL ANNEX #5  
Services - (Sept.-May) 1930



### Wilt's Corner

By Wilt Wyman

Swim classes began this week and late registration will be accepted Monday and Tuesday for the following sessions:

Children, 6-10 years, 4 p.m. Mondays; co-ed adults, 5 p.m. Mondays; water ballet for women, 3 p.m. Wednesdays; women only, 1 p.m. Thursdays.

Classes for tiny tots and 5 year olds will be offered on Tuesdays beginning Feb. 11.

Open swimming hours at the gymnasium pool are Monday, 4-6 p.m.; Wednesday and Friday, 4-9 p.m.; Saturday and Sunday, noon to 6 p.m. and from 11 a.m. to 1 p.m. daily for adults only. Women have exclusive use of the pool on Mondays from 6 to 9 p.m. and on Thursdays from 10 to 11 a.m.

#### Red Cross Swim

Those people participating in the Red Cross 50-mile swim, or the President's physical fitness swimming program, are welcome at any of the times listed above. A portion of the pool will be roped off for lap swimmers. Just ask the lifeguard on duty to install the lap lane rope.

#### Women's Physical Fitness

Physical fitness classes for women are being conducted on Mondays beginning at 7 p.m., and on Thursdays, starting at 9 a.m., at the gym. The classes are well attended. Sheila Miller, instructor, invites all women interested in physical fitness to join her during these hours. The results of faithful attendance can be extremely beneficial.

#### MDISL Volleyball

The next Mojave Desert Inter-service League competition will be volleyball at Barstow Marine Corps Base on March 8 and 9. The local competition will be just beginning, so the NWC varsity volleyball team will have to work extra hard to get into shape for the tournament.

Any man, especially those in the military, who is interested in playing on the varsity team should contact either Jerry Kissick by calling NWC ext. 3972, or myself at ext. 2334, or report for practice on Sundays at the gymnasium, beginning at 6 p.m.

On the local league scene, volleyballers should now be forming department teams so league play can begin in early March.

### BASKETBALL STANDINGS

Following are the standings in the China Lake Intramural Basketball League as of Tuesday, Jan. 21:

Women's Division			
Team	W	L	
Odds 'n Ends	6	1	
Hustlers	5	2	
Rochettes	3	4	
Chuck's Carpet	0	7	
Division A			
Team	W	L	
Texas Instruments	5	1	
Roaches	5	1	
Digital Equip. Corp. Minis	1	5	
VX-5 Vampires	1	5	
Division B-1			
Team	W	L	
NAF Hawks	4	2	
Dispensary	3	4	
Wallbangers	2	5	
Blazers	1	5	
Division B-2			
Team	W	L	
Desert Motors	7	0	
Moby Bales	3	3	
Loewen's Firefighters	3	3	
Stamp Breakers	3	4	
Division C-1			
Team	W	L	
Barons	6	1	
Other Guys	3	3	
Dingbats	3	3	
Hot Shots	2	5	
Division C-2			
Team	W	L	
Huff 'n Puff	5	1	
Pioneers	5	1	
Gas Bags	2	5	
Boomers	1	6	

### Ski Club Plans Dance

The China Lake Ski Club will sponsor a dance next Thursday, Jan. 30, at the Commissioned Officers' Mess, beginning at 8 p.m.

The Good Times Music Band has been engaged to provide the music. All members of the Ski Club and the COM are invited to attend. There will be no charge.



**YOUTH BASKETBALL UNDER WAY**—Members of the Instructional Division of the China Lake Youth Basketball League started things off with a bang at the newly-remodeled youth gym recently as the league got under way. The league has five separate divisions in which teams play according to age. Games between elementary school-age teams are played at the Youth Gym (formerly the Shopping Bag Annex) Monday through Thursday, beginning at 5 p.m. Teams entered in the junior high school and high school divisions meet on Saturdays at the Center gymnasium from 8:30 a.m. to 4 p.m. —Photo by Maurice Dias

## Youth League Basketball Action Now Under Way at China Lake

Following are the standings in the China Lake Youth Basketball League as of Tuesday, Jan. 21:

Instructional Division			
Team	W	L	
Terriers	2	0	
Bulldogs	1	1	
Jets	0	2	
Intermediate Division			
Team	W	L	
Trojans	3	0	
Bruins	2	1	
Huskies	2	1	
Cougars	1	2	
Hawks	1	2	
Spartans	0	3	
Junior Division			
Team	W	L	
Rockets	3	0	
Stars	3	0	
Suns	2	1	
Cavalliers	1	2	
Braves	0	3	
Sonics	0	3	
Senior Division			
Team	W	L	
Bullets	1	0	
Royals	1	0	
76'ers	1	0	
Bucks	0	1	
Celtics	0	1	
Knicks	0	1	

## Youth Center Slates Course in Hunter Safety Training

The Youth Center has planned a three-session hunter safety training course on Feb. 7, 9 and 10 for adults and youths who wish to qualify for a California hunting license.

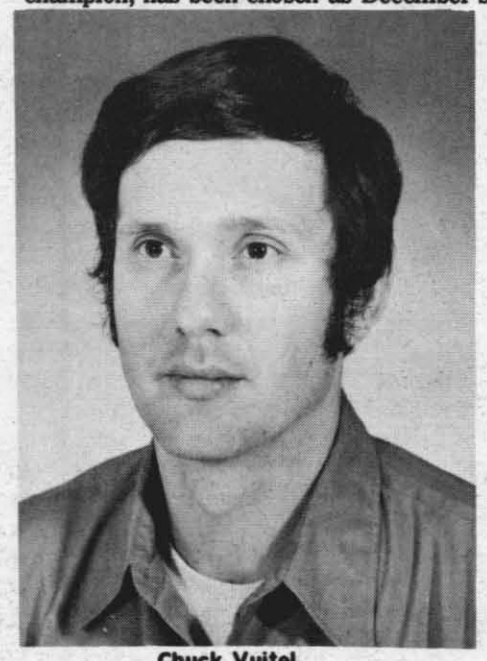
Instructors will be members of the Sierra Desert Gun Club, the Ridgecrest Police Department, and other volunteers. A charge of 50 cents will cover the cost of materials used in the course and is payable at the first session.

Registration forms are available at the Youth Center. All sign-ups must be completed prior to Feb. 6.

For further information, call Carol Hape at NWC ext. 2909.

## Handball Champ Chosen December 'Athlete'

Chuck Vuitel, NWC's 1974 handball singles champion, has been chosen as December's



**Chuck Vuitel**

"Athlete of the Month." Vuitel, a resident of Ridgecrest, won out over a strong field of competitors in the handball tourney that included perennial favorites Rick Roberts and Verl Lillywhite.

The "December athlete" moved to this area two years ago and has been competing in handball and volleyball on Center since that time. He is a graduate of Cal State, Long Beach, where he earned a bachelor's degree in chemistry.

While in college and as a student at Excelsior High School in Norwalk, Calif., Vuitel was a standout shotputter, and also competed in football as a defensive end. "I've dropped a lot of weight since my college days and probably wouldn't be too competitive putting the shot right now," he grinned.

During the summer months, Vuitel also enjoys swimming.

He and his wife, Sandra, who holds a bachelor's degree in education from Cal State, Long Beach, have two children. They are Jennifer, 7, and Kimberly, 5.



By Jack Lindsey

The humility of Johnny Miller is refreshing. In an interview earlier this week after hearing that Jack Nicklaus would be joining the professional golf tour at Pebble Beach (which began yesterday), Miller remarked, "I certainly hope Jack is up to the challenge. It wouldn't be good for the tour if I won them all."

During the past two weeks, while he was winning the two opening tourneys of the year, Miller has made such statements as "I feel I'm unbeatable today," "No one can touch me when I play like this, no one..." and "I may be the best."

All of which strengthen a hunch I've had for years. A true, honest-to-God champion, which Miller definitely is, is not a humble man. They are driven by a hidden force, a burning desire to compete... and WIN!

Outwardly, most of the champions are nice guys. They are humble when they should be, courteous, good sports, know how to smile when they lose and are able to control their temper to ward off public displays of emotion. But, inwardly, it's a different story.

Something Arnold Palmer once said seems appropriate here. "You've got to beat your opponent into the ground, even when you know he needs the money more than you do," the smiling, well-liked champion noted. There's a fine line between being a champion and an obnoxious winner. Each has the same attributes... drive and desire to win. The champion never loses the competitive edge.

So far, Miller hasn't made any disparaging remarks about other players' abilities, but his candor has caused many reporters covering the golf tour to blink a little.

He nonchalantly sails blithely on, seemingly unaware of the impression he creates. He expects to win, and he does. He has a high opinion of himself which borders on conceit, but don't mistake it — it's not conceit. It's his edge.

## Knemeyer Girls Do Well in District III Gymnast Competition

In stiff competition last Saturday, Liz Knemeyer won a sixth place for floor exercise at the California Class III District Championship Meet, held in Long Beach.

Competing against gymnastics organizations from Tulare to San Diego, including the prestigious KIPS gym team, the young Burroughs High student achieved scores of 7.95 in floor exercise, 7.9 on the balance beam, 6.9 on bars, and 7.8 in vaulting, for an all-around score of 30.55.

While her older sister competed in the Senior Division, Mary Knemeyer also was earning high scores in the competitive Children's Division. Scores achieved by the younger gymnast include 7.2, floor exercise; 8.1, beam; 7.65, bars; 7.25, vaulting; and 30.2, all-around.

Accompanying the two gymnasts were Stevie Latimer, a coach for the High Desert Gymnastics Team, and the girls' mother, Mrs. Tina Knemeyer.

## New Idea for Testing Bombing Accuracy . . .

(Continued from Page 1)

would hit.

This same approach to the problem also was being tried under the Naval Science Assistance Program, which called for development of a microprocessor program developed at the Navy's Post Graduate School at Monterey.

Subsequent flight tests were conducted using a Nike-Hercules radar that not only accurately tracked the test aircraft, but when the pilot punched the button to release the practice bomb the release point was known and the microprocessor took over to plot the point of impact. The success of the preliminary tests carried out locally was one reason for the decision to arrange for the conference at California City—part of which involved a field trip to the Naval Weapons Center to demonstrate this system at Baker Range.

#### Earlier Conference Held

The meeting at California City had been preceded by a conference nearly a year ago at the Air Development Test Center at Eglin Air Force Base in Fort Walton, Fla., during which papers were presented by government agencies and industry on the sub-systems useful for conversion of the Nike-Hercules radar. At that time, various technical approaches were discussed and condensed to an ideal cost effective design approach.

Following the get-together in Florida, unsolicited proposals were received from both RCA and Vitro Services to convert the excess Nike-Hercules radars to tracking radars that encompass the latest radar technology and make use of a computer to close the radar tracking loop.

Briefings were presented during the

conference at California City by RCA and Vitro representatives. In addition, a paper was presented on the specific use of the Nike radar as a no-drop, bomb-scoring instrument based on the work that has been done at NWC and at the Navy Post Graduate School in Monterey.

Local Activity Began Last Spring The Naval Weapons Center's involvement in this activity began last spring under the direction of Jim Gossett, an electronics engineer who has worked primarily as a systems consultant in the Test and Evaluation Department's Range Operations Division. Upon Gossett's retirement at the end of December, his part in this program has been turned over to Stuart Fields, an electronics engineer in Code 37's Air Operations Branch.

In addition, Norman Nelson and John Lamar, both electronics technicians in Code 3721, were involved in tying the microprocessor into the radar systems at Baker range and interfacing the mini-computer with the real time data obtained from the radars.

#### Microprocessor Funds Sought

At the present time, the Naval Weapons Center's Test and Evaluation Department is seeking funds from the Naval Science Assistance Program for the purchase of a microprocessor to be put into permanent operation at Baker range—thus bringing this facility up to the latest state of the art in the field of radar technology.

Once this has been done, and additional tests of the no-drop, bomb scoring system have been carried out over an extended period of time, sufficient information will be available to better evaluate this new approach to weapons testing.



**FIREMEN DONATE TO TV BOOSTER FUND DRIVE**—Skip Westfield accepts a certificate from Pat Leopard, chairman of the TV Booster Fund Drive, on behalf of the NWC Firemen who donated \$250 to the current campaign to replace TV translator equipment atop Laurel and "B" Mountains. Frank Holley, another fireman, coordinated the collection of money from the local smokeaters. This contribution was made by the firemen from their own pockets to help keep "free" television coming into the valley. —Photo by Maurice Dias

## House-to-House Fund Drive Set Sunday . . .

(Continued from Page 1)

which is the reason for the fund drive. "We have applied for building permits—the first step—and have begun to raise money, the second step," Stanton pointed out. "Although we need \$100,000 to continue to receive the channels we now have, plus add three new channels and an FM station, we will make the changeovers using whatever amount of money we collect. The first three stations—Channels 2, 4 and 7—will cost approximately \$36,000, and each channel thereafter \$12,000," Stanton said.

To date, approximately \$24,000 has been donated to the fund drive. Each contributor has been given—or will receive—a certificate signifying that his family has made a donation to the drive. Homes displaying the certificate will be by-passed by collectors on Sunday.

China Lake residents will be visited on Sunday by neighborhood collectors who will

be appointed by China Lake Community Councilmen for the districts each represents.

Each collector will carry ample identification. If a resident is wary of the person who comes to his door, he need only call the councilman of his district. The districts are outlined on the inside back page of the Naval Weapons Center telephone directory. A command post will be set up in the Community Center—NWC ext. 2010—to coordinate the drive on Center. If a resident does not know who his council representative is, he may call that number for verification.

In Ridgecrest, the command post will be at the Ridgecrest City Hall, phone 375-1321, and in Inyokern, the number to call is 377-4683.

## Plan To Be Drafted Implementing Study On Vacant Housing

Capt. William F. Daniel, Jr., the Center's Public Works Officer, has been directed by Rear Admiral R. G. Freeman III, NWC Commander, to draw up a plan to implement the conclusions of a recent study of housing vacancies, members of the China Lake Community Council's board of directors were advised by Cal Fallgatter at last week's meeting.

According to Fallgatter, head of the Housing Division in Code 70, this plan calls for excessing some of the housing at China Lake, in view of the 500-plus vacancies that currently exist.

Methods and options for excessing the vacant homes are to be presented to the NWC Command by the end of this month for review. Subsequent to this review, there will be a detailed study of the impact of excessing housing as it relates to the Navy, Center employees, Indian Wells Valley and other affected areas.

The Community Council will assist in conducting an extensive market survey of Center housing occupants and employees in order that the best plan for supporting the mission of the Center will evolve.



**SENATE COMMITTEE STAFF MEMBER VISITS NWC**—As part of a swing across the nation to evaluate current weapons systems developments, capabilities and tactical employment at various defense installations, Charles Cromwell (second from left), visited the Naval Weapons Center last week. Cromwell, who is a professional staff member of the Senate Armed Services Committee's Subcommittee on Tactical Air Power, was accompanied by Cdr. S. P. Huhn (at left), as Office of Legislative Liaison Affairs escort officer. As this photo was taken, the two visitors were in the AIM-7F Sparrow area of Michelson Laboratory listening to Burrell Hays, head of NWC's Engineering Department, describe the methods used to test the AIM-7F tray assembly he is holding. In background is Bill Porter, acting head of the Surface Missiles Department. —Photo by Ron Allen

## ESB To Poll Center Employees Regarding Cable TV Concession

Currently under consideration by NWC Command is a proposal made by the Ridgecrest Cablevision, Inc., to provide cable television service to the Center.

If this service is brought aboard for the benefit of China Lake residents, the supervision of its operation would be assigned to an organization on the Center to provide a liaison between Command and the cable television concessionaire. The Employee Services Board is one possible choice to administer the service.

The Naval Weapons Center Employee Services Board (ESB) was established in 1962 to supervise the operation of assigned civilian non-appropriated fund facilities,

services, and activities for the benefit of all civilian employees at China Lake. Among the assigned services and activities of the Board are:

The food services, including the ESB Dining Room, the Michelson Laboratory Cafeteria, and the China Lake Propulsion Laboratory Cafeteria; the Center Pharmacy, Shopping Bag Supermarket, Fedco Service Station, the Barber Shop and Beauty Shop, the Laundry / Dry Cleaners, and the Child Care Center.

Money Used for Recreation With the exception of the Child Care Center, the above services and facilities are operated by individual concessionaires. From the fees paid to the ESB from its various operations, the board provides support to the Joint Navy-Civilian Recreation Fund.

Before the ESB can enter into an agreement with a cable television concessionaire, it must first determine if it is the desire of a majority of civilian employees that the ESB administer this service as a concession.

#### Questionnaire Due Feb. 7

Next week, each employee on the Center will receive a memo from the chairman of the ESB with an attached questionnaire asking for either approval or disapproval for the Board to handle a cable television concession. This questionnaire should be returned to the Personnel Department (Code 651) by Feb. 7. The results of the questionnaire will be published in a future issue of THE ROCKETEER.

Anyone having any questions regarding the questionnaire or the Employee Services Board can obtain additional information by calling Nancy Cleland, at NWC ext. 2018 or 2348.

## First Aid Instructors Invited to Meeting Tues.

Dr. Carl Heller, instructor trainer, has asked all local first aid instructors to attend a short meeting on Tuesday, starting at 7 p.m., in the Red Cross office, 55 Lauritsen Rd.

Included among the business to be taken up will be the election of a new first aid chairman.



# Retirement To End 28½ Years Of Service by Cdr. C. D. Brown

After serving his country for 28½ years, Cdr. C. D. Brown, head of the Command Administration Department, has decided to call it quits. Cdr. Brown and his wife, Vera, and their children will retire to the quiet life of Grants Pass, Ore., where the Browns have purchased a home.

Cdr. Brown's official retirement date is Feb. 1, but he will step down from his post next Friday, Jan. 31. "It's time for a com-

plete change. I want my retirement life to be as different as I can make it, so I've stayed away from jobs in the aerospace industry and the like. I haven't connected for anything yet, but I haven't looked too hard either," he said.

Received Michelson Award  
The former Officer-in-Charge at the Corona Labs (from July 1969 to June 1971) came to China Lake when the laboratories at Corona closed. "My official duty at Corona as OIC was to eliminate my job," Cdr. Brown joked. He was so successful at closing the Corona facility and in keeping the greatest majority of the critical personnel that he was presented the Michelson Award in 1972. "Overall, 60 per cent of the personnel transferred to China Lake. Most



Cdr. C. D. Brown

Very Active Program  
"We have a very active recreation program on Center, and it's not been easy getting it regulated. With more and more people moving to Ridgecrest, the Recreation Department in that city will

A no-host farewell reception honoring Cdr. and Mrs. C. D. Brown will be held Tuesday evening at the Commissioned Officers' Mess. A social hour that will include gift presentations will begin at 6:30, and dinner is scheduled at 8. Reservations, due no later than 4 p.m. Monday, can be made by calling NWC ext. 2634.

have to assume more of the burden for programs," the retiring Navy officer pointed out.

"We have lots of close friends here that we will miss, in both the civilian and military communities," Cdr. Brown said. "However, I am looking forward to Grants Pass," he added.

Cdr. Brown made one final observation. "The Navy continues to depend on China Lake to keep many of its programs operating. That trust is well-placed," he concluded.

Cdr. Brown will be the final head of Command Administration at NWC. The department was eliminated during the recent reorganization realignment and its functions were absorbed by other departments.

## Residents Must Register by Feb. 2 In Order To Vote in School Bd. Election

Indian Wells Valley residents who did not vote in last November's General Election must re-register before Feb. 2 in order to be eligible to cast ballots in school board elections that are scheduled on March 4.

In addition, voters who have changed their place of residence since the election in November must submit change-of-address cards to the Kern County clerk.

Candidates seeking election to the three vacancies on the board of education of the Sierra Sands Unified School District are Doris Hammer and Rod McClung, both incumbents, as well as Judy Gill, Sue Kyser, Jim Lewis, Bob Sizemore, Marianna Vanderwerf and Richard Wolff.

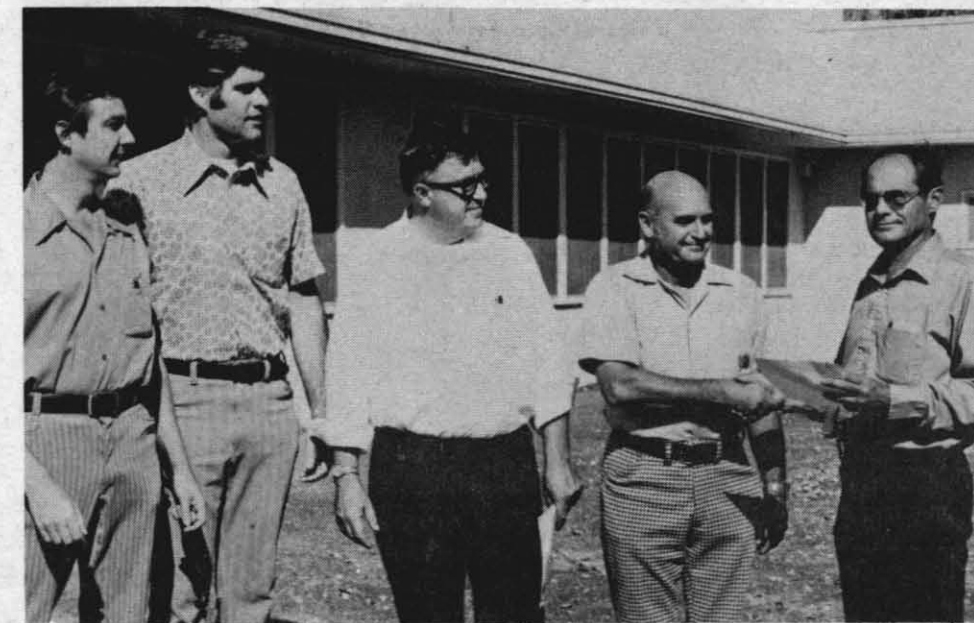
Also on March 4, voters here will cast ballots in the Kern Community College District board of trustees' election. Although there are three vacancies on the college district board, two of the incumbents who are seeking re-election (M. Glenn Bultmann and Loren Voth) are unopposed and their names will not appear on the ballot.

A third incumbent, Cecil J. Bailey, who represents Area 1 (the Greater Bakersfield, Tehachapi and Lake Isabella areas), is being opposed in his bid for re-election to the board by Bill Nabers, a substitute teacher, and Ronald Reid, a student at Bakersfield College.

Vote registrars at China Lake are: Mrs. Mary Chapman, 501 Kearsarge Ave.; Mrs. Roselle Goza, 104-B Ellis St.; Mrs. Patricia Kleinschmidt, 122 Coral Sea Circle; and Jack McGinnis, 314-A Fowler St.

In Ridgecrest, vote registrars are: Paul Colter, 319 Holly Canyon Dr.; Mrs. Alice M. Dale, 320 Perdew St.; Mrs. Janice Felsen,

1001 Sherri Court; Mrs. Elinor Frick, 301 W. Robertson Rd.; Mrs. Florence Green, 304 Helena St.; Mrs. Dorothy Jackson, 233 Gold Canyon Dr.; Mrs. Helen Johantgen, on Almond Way; Mrs. Carolyn Panlaqui, 308 Howell St.; Mrs. Mary Ward, 630 Sonja Court; Mrs. Phyllis Wise, 513 Vera St.; and Mrs. Mary Witcher, 608 Los Posas.



RECEIVE SAFETY AWARDS — Supervisors in the Propulsion Development Department were recently awarded safety certificates for various periods of leadership without a lost-time accident in their branches. They are (l.-r.): Frank Pickett, head of the Propellants Branch; Fred Menz, head of the Explosives Branch; Jack Pakulak, head of the Thermal Research Branch, and Larry Hartley, a supervisor in the Propellants Branch. Dr. Russell Reed, Jr., head of the Applied Research and Processing Division, made the presentations. Pickett has put in six years of supervision for the award, as has Pakulak. Hartley has notched five years of supervision without a lost-time accident and Menz racked up one year on the job as a supervisor without an accident. —Photo by Ron Allen



90 YEARS OF FEDERAL SERVICE — Capt. William F. Daniel, Jr., (at right), head of the Public Works Department, recently presented 30 year Federal service pins to three employees in Code 70. The recipients are (l.-r.) Clyde Antonson, a budget analyst on the Public Works Department staff; Floyd Wegley, a truck driver in the Transportation Division, and George Perrige, a machinist in the Maintenance-Utilities Division. Antonson began his Federal service career in the Army during World War II, and entered Civil Service as a voucher examiner with the Veterans Administration at St. Paul, Minn. Prior to moving to China Lake, he was a Public Works Department employee at the Corona Annex from February 1958 until the middle of 1971. Wegley's first Civil Service job began at the Naval Supply Depot in San Pedro in October 1944, but he transferred to China Lake in September 1946, and has been here for the past 28 years. Perrige, another ex-Army man, has been employed at China Lake for the past 29 years. He worked for a brief time at the Mare Island Naval Shipyard before coming here in September 1945.

## Enrollment in Predischarge Education Program Now Open

Enrollment is now under way for the next China Lake Predischarge Education Program (PREP) which will begin on Monday, Feb. 3.

For any military personnel interested in counseling regarding their education prior to enrollment, the PREP school and rapid learning lab, which is open on weekdays from 8:30 a.m. to 4:30 p.m. at the Training Center's Annex No. 10, is the place to go.

PREP classes, which are offered here by La Verne College, are conducted Monday through Thursday, from 5:30 to 8:30 p.m., or at other times that are more convenient to personnel interested in attending.

The program is aimed at military men and women who are interested in (1) completing requirements for a high school diploma, or (2) taking a refresher course before taking college entrance exams.

All the costs of PREP are paid by the Veterans Administration as a separate part of the GI Bill. This is a special bonus to active duty military personnel, and is available in addition to the educational benefits they will be eligible for following their discharge.

Among the courses being offered are: English, reading, math, history/government and algebra, as well as refresher classes in advanced math, science, English composition, humanities and psychology. PREP is designed to give as much individualized help as is necessary, and allows students to proceed at their own pace and speed. Qualified tutors and lab assistants are available during the day, and also assist the instructors in the evening.

Military personnel with at least 180 days of service are eligible for PREP. Additional information can be obtained by calling Di Lacey at NWC ext. 2052.

## Rock Dance Gp. To Perform Sat. Night

An expert rock dance group with an unlikely name — the "L.A. Knockers" — will perform tomorrow evening at the Burroughs High School Lecture Center.

The dance concert will begin at 7 p.m. and will present a new concept in female dance troupes. Featured will be the latest styles in rock dancing choreographed and presented by seven female dancers who have had extensive experience on nightclub and concert circuits.

Led by Jennifer Doyle, group choreographer, the performance here by the Knockers is sponsored by the China Lake Ballet Society. The visitors will spend most of tomorrow conducting dance workshops for students of the society.

Last summer Georgia Knutsen, Dori Morrione and Carol Wooldridge, all teachers for the Ballet Society, took a group of advanced students to a dance workshop in Los Angeles. There they met Miss Doyle and her troupe and had a chance to learn some of the techniques of rock dancing.

An admission charge of \$1.25 per person will be collected at the door. The box office will open at 6:30 p.m.

# Impact of NWC on County Economy . . .

(Continued from Page 1)

"To do this, we must not only have a dynamic R&D effort which will bring in new weapons, systems, and support equipment on schedule and at or below cost, but we must also concentrate on enhancing the capabilities of existing systems so that every expenditure of funds shows an acceptable 'return on' the investment of the American people in their Navy."

Because of the level of funding guidelines that now apply, he foresees the need for a general belt-tightening in every facet of NWC operations, the Center Commander continued. "In addition to the normal checks and balances of on-going programs, there also will be periodic reviews on the basis of a program's success or lack of success in terms of a rather new yardstick. If our projects are not in conformance with established design-to-cost criteria, then the possibility of seeing their development curtailed, or even terminated, will go up markedly," the speaker predicted.

Emphasis During 1975

"In terms of our organization," RAdm. Freeman said, "1975 will be a year of stabilizing the changes that already have been made, examining once again our costs of operating the Center in light of projected needs and, in general, striving to achieve a leaner, stronger and more adaptable structure."

He is sure, the Center Commander added, that some reductions in manpower will be levied in the form of lower authorized ceilings, and that NWC will share in Department of Defense-wide reductions made necessary by the generally inflationary nature of the national economy and by present level funding constraints, but it is not expected that these reductions will be large in total numbers.

Considerable Support Received

NWC derives a great deal of support from Ridgecrest, Bakersfield and all of Kern County, not only in goods and services, but also in the areas which enhance the morale of military personnel and civilian employees at China Lake, the Skipper pointed out. In addition, he commented on the effect of the Center's budget of nearly \$200 million (which includes a payroll of \$88 million) countywide, as well as in the area immediately adjoining NWC.

The continued growth of the City of Ridgecrest, due in large part to a shifting of residents from China Lake, means that more people will become homeowners and their names will be added to the Kern County tax rolls, RAdm. Freeman stated as he talked about trends that are having and will continue to have an effect on the local economy.

Regarding construction programs, the NWC Commander reported that three military construction projects at China Lake have been approved by Congress. They are a new dispensary, a new laser laboratory facility and a new enlisted men's club. Work on these projects will be initiated sometime this year, in addition to construction work that is now in progress and will continue throughout most of 1975 on a new bachelor enlisted quarters.

New Contract Awarded

As an example of what he meant by the statement that NWC intends to maintain the current level of work being done under contracts that are external to the Center, RAdm. Freeman informed his listeners that earlier this week a contract went into effect with the Continental Telephone Co. for operating and maintaining the Center's telephone system.

Before concluding his presentation to the 1975 Business Outlook Conference, the NWC Commander mentioned several on-going programs in technological areas other than those included in the Center's primary mission assignments because of the interest they would be to the type of gathering he was addressing.

Included in this category is work being done with the National Science Foundation on a program which could result in the development of practical power sources using solar energy, another project aimed at improving visibility during the Tule fog season in the San Joaquin Valley, and a third study that includes research in the use of geothermal power.

Great Potential Cited

While these programs represent about 3 to 5 per cent of the Center's resources, in terms of effort to the nation they have substantial potential, RAdm. Freeman noted.

"My final projection for 1975," the Center Commander stated, "is that there will be increased cooperation and coordination of effort among the principals involved: the state, county and city governments of this area, the Naval Weapons Center, and the industries that serve us so well."

"There is no question in my mind that the payoffs will enhance not only the prospects for success, but also will make Kern County an even finer place to work and live," RAdm. Freeman stated in closing.

## Anti-Rabies Clinics Set in Local Area Today, Tomorrow

An anti-rabies clinic is being held today from 11 a.m. to 1 p.m. and again from 2-7 p.m. at the old Security Bldg., located on the north side of the Main Gate.

The inoculations and dog tags, good for two years, will be available to China Lake residents, and in other unincorporated areas of Kern County at a cost of \$2 and \$5, respectively, for each pet.

Any dog, four months of age or older, is required to wear these tags at all times.

Dr. Owen A. Kearns, Kern County's health officer, stated that the county is still considered an endemic area for rabies. This serious and highly fatal disease has been found in a number of bats, skunks, and other warm-blooded animals throughout the county.

The danger to humans occurs when animals transmit the disease to domestic pets, who can then infect an individual with the disease by biting him. Dr. Kearns said that for the past four years, an average of 3,800 animal bites to humans have been reported to the health department.

Tomorrow, a similar clinic will be operated at the County Fire Department Bldg. in Inyokern from 8 to 9:30 a.m. and in Ridgecrest at the Park Bldg., from 11 a.m. to 1 p.m. and from 2 to 6 p.m.

The fee for tags in Ridgecrest (an incorporated city) is \$8. These tags also are good for a two-year period.

## IF YOU'RE WALKING . . .

Remember to look for vehicles. Walk within crosswalks, but don't depend on stop signs or white lines to stop a moving vehicle.



SECOND DECK FLOORING INSTALLED — A huge crane has been used this past week for lowering into place the pre-stressed concrete planks that form the second deck of the new Bachelor Enlisted Quarters (BEQ). The planks are pre-fabricated from tensioned cables and concrete prior to delivery to the job site. Their use provides substantial savings in construction costs. While this work has been under way on the first of three separate BEQ quadrangle complexes, masonry work also has been started on the first-story walls of the second quadrangle and, at the same time, electrical and plumbing work is continuing. Masonry work on the second story of the first building will be resumed as soon as the second deck is in place. —Photo by Ron Allen

## Public Meeting To Discuss Community Needs Slated at Monroe School Mon.

A public meeting for the purpose of discussing community needs in the northeast area of Kern County will be held on Monday, starting at 7:30 p.m., in the auditorium of the James Monroe School, 340 W. Church St., Ridgecrest.

The meeting was announced by LeRoy Jackson, District Supervisor, who noted that the Kern County Board of Supervisors recently gave the "go ahead" for Kern County planning and administrative officials to apply for Federal grants.

Under the Housing and Community Development Act of 1974, an estimated \$8.6 million could be channeled into Kern County for community development projects during the next three years, Supervisor Jackson added.

Purpose of Legislation

The primary purpose of the Housing and Community Development Act of 1974, the county supervisor explained, is "the development of viable urban communities,

Director, is drawing up the county's application for community development funds that can be used for acquiring blighted or deteriorated properties for rehabilitation, open space, or neighborhood facilities, such as community service buildings and senior citizens' centers.

Varied Uses for Funds

Such funds also can be used for improvements of water and sewer facilities, street lighting, walkways, playgrounds and fire protection services.

"We hope that citizens will use this and other meetings we are scheduling to help us identify the needs of their communities and set priorities for improvement projects," Dalton added.

Community development funds are being allocated by the U.S. Department of Housing and Urban Development (HUD) to cities with populations more than 50,000 and to counties having a population above 200,000 on the basis of 1970 census statistics on poverty and overcrowded housing conditions.

Applications from cities and counties for their 1975 allocations must be submitted for Federal screening by Feb. 28, 1975, and (if approved by HUD) funds should be available for use about July 1 of this year.

Kern County's allocation for 1975 is estimated to be \$1.4 million, increasing to \$2.9 million for 1976, and to \$4.3 million for 1977.

## Hospital Laboratory Director To Speak At Meeting of ASQC

Dr. Richard Karoll, laboratory director of the Ridgecrest Community Hospital, will discuss quality control in medical care at a meeting of the Sierra Sands Sub-section of the American Society for Quality Control (ASQC) next Wednesday, Jan. 29, at 7 p.m. at The Hideaway.

As a board certified physician in anatomic pathology and board eligible in obstetrics-gynecology, Dr. Karoll's presentation should be extremely informative regarding the quality controls applied in laboratories to assure the accuracy and validity of the various tests and medications utilized for patient care.

Dr. Karoll, a senior member of the ASQC, also actively participates in the Biomedical Division of this professional Society.



LeRoy Jackson

including decent housing and a suitable living environment and expanding economic opportunities — principally for persons of low and moderate incomes."

Meetings similar to the one coming up Monday night in Ridgecrest will be held throughout Kern County, and will provide residents with an opportunity to tell county planning and administrative officials what is needed to improve their neighborhoods and living conditions, Supervisor Jackson said.

Jack Dalton, Kern County Planning



MARKS 30-YEAR OF SERVICE — Capt. F. E. McDonald, NWC's Director of Supply, congratulates Joseph J. Garrett after the Supply Department employee recently completed his 30th year of Federal service. Garrett, who is a supervisory inspector in the department's Inspection Branch, came aboard the Center in 1944 from Indian Head, Md., where he was employed at the Naval Powder Factory. He and his wife, June, who works at NAF, have eight children.