

Yule parade set Saturday in Ridgecrest

A colorful, fun-filled parade, focusing on the theme "An Old Fashioned Christmas," is scheduled tomorrow afternoon in Ridgecrest.

This event, the sixth annual Indian Wells Valley Christmas Parade, will get under way at 2 p.m. at the corner of Drummond Dr. and N. China Lake Blvd. The parade route is south along China Lake Blvd. to Ridgecrest Blvd., then right to S. Warner St., where the procession will turn left and proceed to Ridgecrest Park. The parade will disband at the park.

Grand marshal of the parade will be Joey Freeland, young cerebral palsy victim, who cut the ribbon to signal the beginning of the "March Against Birth Defects" last April, and also completed the 12-mile march himself.

More than 80 entries, included 26 floats, three marching bands, a drum and bugle corps, color guards, equestrian groups and specialty numbers will participate in this Ridgecrest Chamber of Commerce-sponsored event.

Leaders of Parade

Leading the parade will be a 9-member delegation of city officials and their wives from Tepicatlan, Mexico — Ridgecrest's sister city — who will be riding with Ridgecrest city officials in the first three cars.

A committee of seven judges will look over the floats prior to the start of the parade, and then decide on the relative merits of other entries while the parade is in progress. Thirty-five trophies and ribbons will be awarded in 26 categories.

Trophies or ribbons will be presented to the best high school and elementary school bands, the top-rated marching units, drill teams, equestrian group and individual entries. The main float trophies to be awarded will be a sweepstakes trophy, a president's trophy and a parade theme trophy. There will also be trophies for the best floats entered in the parade by youth groups, fraternal organizations and business places, Mike Molner, parade director, reported.

Other Committee Members

Serving with Molner on the parade committee are Charlotte Hines, chairman, Debbie Carlton, Maria Cortez, Billie Day and Sharon Sunderland.

Music will be provided throughout the procession by the Burroughs High School, Murray and James Monroe Junior High School bands and the Inyo County Sheriff's Office drum and bugle corps from Bishop.

Not to be overlooked in the parade is the Ridgecrest Chamber of Commerce float featuring Santa Claus and his sleigh. Santa will be at Ridgecrest Park after the parade to talk with the youngsters.

The theme of the parade, "An Old Fashioned Christmas," was submitted by Drenna Shoemaker, 11-year-old daughter of Mr. and Mrs. Eddie L. Shoemaker, who was awarded a \$25 Savings Bond for her effort.

Xmas dinner ticket sale to end Dec. 19

Next Friday, Dec. 19, is the deadline to obtain tickets for the special Christmas dinner that will be served on Dec. 25, from 2 to 5 p.m., at the Navy's Enlisted Dining Hall.

Due to the limited seating capacity of the Enlisted Dining Hall, a total of just 300 tickets will be sold. Therefore, those interested in attending are urged to act quickly in obtaining tickets that are priced at \$2.40 for retired military personnel and military officers, \$1.25 for children under 12 years of age, and \$1.50 for enlisted military personnel on Comrats.

The tickets are being sold at the Food Service Office, located adjacent to the Enlisted Dining Hall on King Ave.

The menu for the Christmas holiday feast will include roast turkey, steamboat round, soup, salads, potatoes, vegetables, desserts and drinks.



SAFE DRIVING MONTH PROCLAIMED — This past Monday, Rear Admiral R. G. Freeman, NWC Commander, signed a proclamation designating December as "Safe Driving Month." Co-signers of this document were Robert Fletcher (at left), president of the China Lake Community Council's board of directors, and Gene St. Amand, chairman of the Committee on Responsible Drinking (CORD). The object of the proclamation is to alert local area residents to the problems that are caused by motorists who drive while intoxicated. The proclamation was the opening gun in an extensive educational campaign being conducted this month by CORD. Members of CORD do not denounce alcohol or those who drink it, just as they do not denounce cars or those who drive them. They simply would like everyone to be more aware of and concerned about the problems which arise when the two are combined in one person, the CORD chairman stated. —Photo by Ron Allen

Community Orchestra to present concert Tuesday evening at Cerro Coso College

Honoring the birthdate of Ludwig van Beethoven on Dec. 16, the Desert Community Orchestra will perform a Beethoven Birthday Concert next Tuesday, starting at 8 p.m. at the Cerro Coso College lecture hall.

Under the baton of Gordon Trousdale, Jr., director of music for the college, the 40-piece orchestra will be heard in four master-works of music, including the Beethoven "Symphony No. 2 in D major".

Other selections to be played by the orchestra will include Wagner's Prelude to "Die Meistersinger von Nuremberg," the Cimarosa Overture to "The Secret Marriage" and the von Weber "Concertino for Clarinet and Orchestra."

Richard Meyers, president of Cerro Coso Community College, will be featured as the clarinet soloist in the Von Weber Concertino.

The orchestra, composed of all local talent, provides an opportunity for seasoned musicians and students of music to join together to render fine live music for the enjoyment of Indian Wells Valley residents.

Supported by the Cerro Coso Community College and the Desert Community Orchestra Association, Inc., the orchestra's concert series is available to the public at

Community Center closed during day from Dec. 22-Jan. 2

During the two-week period from Monday, Dec. 22, through Friday, Jan. 2, the Community Center will be closed daily between 7:30 a.m. and 4:30 p.m., Art Amos, the manager, announced.

The Community Center will remain open evenings during this time for all regular group meetings, as well as for any special events that have been scheduled, Amos added.

On the days that the Community Center is closed during regular working hours, discount coupons for holiday season activities at both Disneyland in Anaheim and Sea World in San Diego can be obtained at the Special Services office, 76 Bard St., (adjacent to Reardon Field).

From now through Jan. 4 is "Military Month" at Sea World, and there will be a Navy night Christmas party there on Friday, Dec. 19, from 5:30 to 10 o'clock.

At Disneyland, there will be a special Christmas holiday program from Saturday, Dec. 20, through Saturday, Jan. 3.

nominal cost, through season tickets or single concert tickets that can be purchased at the Cerro Coso lecture hall just prior to each concert.



A DANCING DOLL — Michelle Ankeney, one of the Ballet Arts Theatre students taught by Bette Jacks, will be among the featured performers during a program of classical ballet and novelty numbers that will be presented on Sunday, starting at 2 p.m., at the Burroughs High School lecture center. A group of around 20 professional and near-professional ballet artists will take part in this program, which also will include a portrayal of the Christmas story in dance form. Admission is free, but voluntary donations will be accepted. The money that is raised will be turned over to the Ridgecrest Chamber of Commerce and used to help pay for outdoor Christmas decorations in the community.—Photo by Ron Allen

SHOWBOAT

MOVIE RATINGS

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

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

FRI. 12 DEC.

"BUSTER AND BILLIE" (100 Min.)
Jan-Michael Vincent, Joan Goodfellow (Drama) An unusual love story about two high-school seniors in the rural Georgia in 1948. The boy is the class leader, while the girl comes from the other side of the tracks. (R)

SAT. 13 DEC.

"YOU'LL LIKE MY MOTHER" (93 Min.)
Patty Duke, Rosemary Murphy (Suspense Drama) A young widow, about to have a baby, travels to Duluth hoping to be accepted by an unresponsive mother-in-law. Unbeknownst to her, a murderer-rapist is being hidden in the house where she is staying. (PG)

SUN. 14 DEC.

"DAN CANDY'S LAW" (92 Min.)
Donald Sutherland, Gordon Tootoosiz (Drama) When an Indian is caught stealing government cattle, he is arrested and led to believe that he is being hung in the morning. During the night, the Indian escapes. Dan Candy, (Sutherland) a Northwest Mounted Policeman seeking to avenge his partner's death, disobeys orders and pursues the fugitive. (G)

MON. 15 DEC.

"THAT'S ENTERTAINMENT" (130 Min.)
Frank Sinatra, Fred Astaire (Musical Documentary) An anthology of scenes from the classic MGM musicals and dramas, extending from "The Broadway Melody" (1929) to "Gigi" (1953). (G)

TUE. 16 DEC.

"PRISONER IN THE MIDDLE" (88 Min.)
David Janssen, Karen Dor (Drama) A U.S. B-52 bomber on a routine mission develops mechanical trouble, goes off-course and accidentally drops a nuclear warhead which lands on the Jordanian side of the Jordanian-Israeli border. A decision is made to send in a U.S. operative to disarm the nuclear weapon. Colonel Stevens (Janssen), who is in Israel on leave, is assigned by the CIA to accomplish this mission. (No rating available)

WED. 17 DEC.

"DEATH WISH" (94 Min.)
Charles Bronson, Hope Lange (Action Drama) A New Yorker avenges the mugging-murder of his wife by becoming a vigilante. (R)

THURS. 18 DEC.

"STRANGE VENGEANCE OF ROSALIE" (107 Min.)
Bonnie Bedelia, Ken Howard (Horror) Rosalie is an Indian girl who lives in a shack that passes for a farm. She has a strange way of getting guests to stay over. When Virgil, the traveling salesman who gives her a ride home, decides it's time to leave, she breaks his leg with an ax handle. (PG)

FRI. 19 DEC.

"POLICEWOMEN" (100 Min.)
Sondra Currie, Tony Young (Action Drama) Policewomen work undercover to track down gold smugglers. (R)

Dinner-dance slated at CPO Club tonight

The "Butterfield Stage Line" Band, from Los Angeles, will provide entertainment for a dinner-dance tonight at the Chief Petty Officers' Club.

A prime rib dinner will be served in the dining room from 7 until 10 p.m., George Barnard, club manager, announced. Dancing will start at 9 p.m. and continue until 1 a.m.

U.S. Government Printing Office: 1975 - 642 / N0410

From: _____ PLACE STAMP HERE

To: _____



Naval Weapons Center
China Lake
California

Vol. XXX, No. 49



NEARING TAKE-OFF time for the first NOLO flight of the QT-38A, L.Cdr. James Pate (at right), looks on as Jerry Simmank, Gordon Zurn and Jim Bowen make last-minute preparations. —Photo by Ray Hocker

1st NOLO flight of all-attitude supersonic target aircraft carried out at China Lake

The first no-live-operator (NOLO) flight of a full-size, all attitude supersonic target aircraft (the QT-38A) was made on Nov. 24 from the Naval Air Facility at China Lake.

This new drone aircraft provides the Navy with something not previously available — a full-size target capable of all attitude supersonic speed and high G turning capability, L.Cdr. James Pate, head of the NAF Target Department, stated. The Navy also uses the QF-4B (which also is supersonic), but this target isn't capable of all attitude maneuvering.

On its first NOLO flight, the QT-38A made three supersonic passes south to north on the Naval Weapons Center's G range. These were medium altitude runs that incorporated turns during which the stress was in excess of 6½ Gs.

The QT-38A, which is a converted Air Force T-38 supersonic trainer known as the Talon, was operated from the ground during its maiden flight by Harlan Reep, drone controller for the NAF Target Department, who brought it in for a smooth landing after this initial hop.

Development of this supersonic target aircraft was a task assigned to NWC by the

Turn in timecards early next Friday

All personnel who are responsible for submission of employee timecards are reminded that because of the Christmas holiday, all timecards for the regular work week ending on Dec. 20 must be delivered to the Payroll Office no later than 11:15 a.m. next Friday, Dec. 19.

This is necessary because the processing of timecards must be completed by next Friday night. No timecards are to be held out, since failure to provide the Payroll Office with an accurate timecard by the Dec. 19 deadline may result in a delay in pay for the employee.

Any overtime on Friday night, Dec. 19, or Saturday, Dec. 20, should be submitted on a supplemental timecard for payment covering the subsequent pay period.

- Christmas Cantata Set Sunday 2
- ID Cards Required at Navy Exchange 3
- Safe Driving Tips Presented 4
- Xmas Festival of Music Planned 5
- Sports 6
- Yule Parade Slated Saturday 8

Nat'l Advisory Bd. studies effect of burros' living habits on fragile desert

By Tilly Barling, Natural Resources Specialist
The National Advisory Board for Wild Free-roaming Horses and Burros met at the Naval Weapons Center last Friday and Saturday to review environmental damage resulting from over-population of burros in the northeastern Mojave Desert. Under consideration by the National Advisory Board at this meeting were lands of this region administered by the Bureau of Land Management, the U.S. Forest Service, the National Park Service and the Center where extensive damage to native ecosystems is occurring.

This advisory body was established in 1971 by the Wild Horse and Burro Law (Public Law 92-195) which mandated

protection, management and control of feral horses and burros on all public lands of the United States administered by the Secretaries of Agriculture and the Interior. As its title states, the board is chartered to act only in an advisory role. It meets in areas where problems and conflicts exist, reviews the situation and makes recommendations to the Secretaries.

Appointments to the nine-member National Advisory Board for Wild Horses and Burros are made by the Secretaries of Agriculture and of the Interior. Members are appointed for a three-year term. Composition of the board covers a wide spectrum of interests related to feral horses and burros.

Charter Requirements

The charter of the board requires that two members be from citizen organizations concerned with protection and humane treatment of the feral animals. On the present board, Mrs. Velma Johnston (Wild Horse Annie) of Reno, Nev., and Mrs. Pearl Twyne of Washington, D.C., fill this slot. Both are well-known for their efforts to achieve humane treatment of feral horses and burros, and are keenly aware of the need for enlightened management of the animals.

Other members of the Advisory Board are William Reaveley, Western Regional representative of the National Wildlife Federation; Dean Prosser, chief brand inspector for the State of Wyoming; Roy Young, Nevada rancher and legislator; and Arnold Ewing, a conservationist from Oregon.

Chairman of Board

From the academic community, Dr. Floyd Frank from University of Idaho School of Veterinary Medicine is chairman, and Dr. Roger Hungerford from Arizona State University is vice-chairman. Dr. Thaddeus Box from Utah State University, a specialist in natural resources, also serves on the board.

At its meetings, the board's agenda provides time for presentations or statements from both conservation organizations and concerned private citizens. By holding its meetings in various

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Naval Air Systems Command and turned over to the Remote Piloted Vehicle (RPV) Program Office in the former Surface Missiles (now Weapons) Department.

According to Curtis V. Bryan, head of the RPV Program Office, the project began in April 1974 with a preliminary study to determine the feasibility of such an endeavor, and was given the green light three months later.

Key personnel assigned to this undertaking were John Keen, the project manager from the RPV Program Office; John Owens, the project engineer; Walter Beebe, an electronics engineer in charge of documentation; Darwin Rice, another electronics engineer, who is responsible for the ground control station; and Dennis Bishop, a mechanical engineer, who

(Continued on Page 3)



Shoreham Americana

INTERNATIONAL WOMENS YEAR

—Photo by JOCS Dick Benjamin

FEDERAL WOMAN'S AWARD PRESENTED — Dr. Marguerite M. Rogers (at left), head of the NWC Systems Development Department, last week was the happy recipient of a Federal Woman's Award for 1975 during a banquet held at the Shoreham Americana Hotel in Washington, D.C. She was one of six winners from more than 160 Federal career women who were nominated by their employing agencies. The presentation was made by Mrs. Jayne B. Spayne (at right), vice-chairman of the Civil Service Commission, after the accompanying citation was read by J. William Middendorf II (center), Secretary of the Navy. An independent panel of judges selected the winners on the basis of their outstanding contributions to the quality and efficiency of the Federal career service, for their influence on major government programs, and for personal qualities of leadership, judgment, integrity, and dedication. Dr. Rogers is a leading authority in the field of air-launched conventional weapons and their effectiveness.

Delegation from Ridgecrest's sister city to visit NWC

A 9-member delegation from Ridgecrest's sister city of Tepicatlan, Mexico, will pay a visit to the Naval Weapons Center on Monday.

An orientation tour of the Center is scheduled to get under way at 9:30 a.m., and the visitors will be guests at a luncheon at the Commissioned Officers' Mess, where they will have the opportunity to meet Rear Admiral R. G. Freeman III, NWC Commander, and Mrs. Freeman; Dr. G. L. Hollingsworth, Technical Director, and Mrs. Hollingsworth, as well as other top Center officials.

The delegation from Ridgecrest's sister city will be headed by Dr. Juan Martin del Campo, a city councilman, and his wife, Maria Carmen Mendez.



CHRISTMAS CANTATA SLATED — Shown rehearsing their parts as soloists for the Protestant Congregation's Christmas cantata, which will be presented Sunday morning, are (standing, l.-r.) Robert Leonard, John Strommen and Mrs. Dottie Freeman. Ray Blume is at the piano and Mrs. Dottie Leonard, who directs the choir, is at right.

—Photo by Ron Allen

Protestant choir to offer Xmas cantata

As its Yuletide gift to the community, the 45-member choir of the All Faith Chapel's Protestant Congregation will present a Christmas cantata on Sunday morning, starting at 10:15. The choir, directed by Mrs. Dottie Leonard and accompanied at the piano and organ by Mrs. Joan Fowler and Ray Blume, respectively, will offer a memorable and melodic choral version of "Love, Joy, Peace" by Tom Fetteke.

This Christmas cantata (published in 1973) focuses on Jesus Christ as the embodiment of love, the giver of true joy, and the Prince of peace. It includes arrangements of familiar English, Polish and Irish folk melodies, as well as original compositions by Fetteke, who is a teacher in

northern California. The soloists for this program are Mrs. R. G. Freeman, wife of the NWC Commander; Robert Leonard and John Strommen, and one selection will be sung by the high school girls of the choir. Rear Admiral R. G. Freeman will be the narrator.

Thrift Shop now closed, will re-open on Jan. 6

The WACOM-operated Thrift Shop is now closed for the Christmas-New Year's holiday season.

Regular hours of operation, from 7 to 9 p.m. on Tuesdays and from 9 to 11 a.m. on Thursdays, will be resumed on Tuesday, Jan. 6.

Promotional opportunities

Unless otherwise specified in the ad, applications for positions listed in this column will be accepted from current NWC employees and should be filed with the person named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment-Wage and Classification Division, Code 452, Ext. 2049. Ads will run for one week and will close at 4:30 p.m. on the Friday following their appearance in this column, unless a later date is specified in the ad. Employees whose work history has not been brought up to date within the last six months are encouraged to file a Form 171 or 172 in their personnel jacket. Information concerning the Merit Promotion Program and the evaluation methods used in these promotional opportunities may be obtained from your Personnel Management Advisor (Code 456 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-119C.

Warehouseman, WG-4974/3, JD No. 342, Code 2951 — Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Job Relevant Criteria: Ability to do warehouseman work without more than normal supervision. Work practices, including keeping things neat, clean and in order. Evidence of warehousing practices. Ability to interpret instructions. Knowledge of materials and documents.

Clerk-Typist, GS-322-3/4, PD No. 7225043N, Code 251 — This position is located in the Planning and Administrative Division of the Supply Department. Duties include personal and telephone contacts with individuals at all levels of the Naval Weapons Center, the collection and presentation of information concerning reports, surveys and studies, typing of correspondence and reports, assisting with annual Supply Department budget, and preparing charts and graphs as necessary. Job Relevant Criteria: Ability to type efficiently and accurately, telephone answering skills, receptionist abilities, reliability and dependability.

Clerk-Typist, GS-322-3/4, PD No. 743202Z, Code 331 — May be filled on either a full-time or an intermittent basis. This position is located in the Advanced Systems Division of the Fuze Department. Duties and responsibilities include performing clerical duties such as maintaining files and typing travel orders and vouchers, stub requisitions, official letters, reports, and general correspondence of a highly technical nature. Job Relevant Criteria: Knowledge of Navy correspondence procedures, ability to type efficiently and accurately, reliability and dependability.

Office Services Supervisor, GS-343-7, PD No. 7529003E, Code 2513 — As Head, Administrative Branch, incumbent provides assistance to immediate supervisor, division heads and other Supply Department supervisors on staffing requirements and personnel problems. Incumbent controls the training program for the Supply Department, insures that personnel actions are completed and recorded and that records are maintained in a current status on all employees of the department. Job Relevant Criteria: Knowledge of human relations, diplomacy and tact in recognizing and dealing with recommendations and resolving conflicting opinions. Initiative and imagination. Knowledge of government personnel procedures. Demonstrated ability to employ tact and diplomacy in work contacts. Knowledge of supply procedures. Ability to express ideas both orally and in writing. Knowledge of NWC classified document control procedures. Knowledge of NWC plant property account procedures.

Secretary, GS-318-4/5, PD No. 7331029N, Code 392 — This position is located in the Weapons Department, Weapons Development Division. The incumbent provides a variety of duties for the division head such as maintaining and setting up appointments and meetings, receiving and screening visitors and phone callers, receiving, opening and screening all mail, reviewing all outgoing correspondence for proper format and typographical errors, and arranging for travel. Incumbent receives handwritten drafts for final form and types a variety of correspondence, reports, and memoranda. Job Relevant Criteria: Ability to type efficiently and accurately. A thorough working knowledge of grammar, spelling and punctuation. Ability to work independently and exercise personal judgment and diplomacy. Familiarity with proper format for all types of Navy correspondence.

Secretary, GS-318-4/5, PD No. 7500025N, Code 029 — This position is located in the office of the Deputy Commander, Operations Office. The incumbent will provide secretarial services to the communications officer such as maintaining calendar for meetings and appointments, receiving and screening visitors and phone callers, receiving, opening, screening, and routing all incoming mail, composing and endorsing routine administrative correspondence, maintaining division files, logs, registers, records and directives, typing a variety of correspondence, memoranda, forms and reports, maintaining office supplies, and coordinating activities for the Sea Cadet Liaison officer. Job Relevant Criteria: Ability to type efficiently and accurately. Ability to meet deadlines under pressure. Receptionist abilities. Thorough working knowledge of grammar, spelling and punctuation.

Equal Opportunity Specialist, GS-140-11/12, PD No. 7500026E, Code 09 — This position is that of Equal Employment Coordinator on the staff of the Commander, Naval Weapons Center. The purpose of this position is to provide leadership for the Center's Equal Employment Opportunity Program. The incumbent serves as the principal advisor to Command on equal employment matters, recommends action items to further the EEO program and is responsible for the implementation and follow-up on these action items. Job Relevant Criteria: Experience or demonstrated ability to originate, plan and direct a complete EEO program. Identify and analyze cause and effect of discrimination, meet and deal effectively with persons of either sex and differing racial, ethnic, cultural or economic backgrounds, and express self efficiently orally and in writing.

Engineering Technician, GS-802-12, PD No. 7539102E, Code 3942 — This position is located in the Weapons Department, Electro-Optics Division, Assembly and Test Branch. Incumbent designs, tests, and evaluates various electro-optical assemblies which incorporate state-of-the-art limits for use in infrared systems in target acquisition and guided missile systems. Is responsible not only for the design of test fixture, but for documentation of final test results. Trouble shoots and updates IR seekers. Most of work performed in climatically controlled environment and requires conformance to close mechanical and optical tolerances. Job Relevant Criteria: Knowledge of electro-optical seeker, search set assembly and testing. Demonstrated ability to design, test, fabricate and assemble high tolerance mechanical and optical devices and components.

File applications for the above with Tina Woods, Bldg. 34,

Rm. 204, Ph. 2723.
Ordnanceman Learner, WG-4511-4, JD No. 287, Code 4545 — incumbent performs necessary manipulations involved in operating equipment for carrying out various processes associated with experimental and/or developmental preparation of various kinds of propellants. Job Element Standards: Reliability and dependability, shop aptitude and interest, ability to follow directions in shop, dexterity and safety, and ability to work as a member of a team.

Ordnance Worker, WG-4522-4, JD No. 342, Code 4545 — incumbent performs necessary manipulations involved in operating equipment for carrying out various processes associated with experimental and/or developmental preparation of various kinds of propellants. Job Element Standards: Ability to do the work without more than normal supervision, safety and dexterity, ability to follow directions, knowledge of materials, tools and equipment used by an ordnance worker (A&E) and ability to work as a member of a team.

Ordnanceman (A/E Misc.), WG-4502-7, JD No. 4-1, Code 4545 — incumbent performs necessary manipulations involved in operating equipment for carrying out various processes associated with experimental and/or developmental preparation of various kinds of propellants. Job Element Standards: Ability to do the work without more than normal supervision, knowledge of ammunition and explosives, ability to inspect ammunition and explosives, dexterity and safety, and ability to operate motor vehicles. Promotion Potential: Ordnanceman (EP/E) WG-9.

Clerk-Typist, GS-322-3/4, PD No. 7545124, Code 454 — This position is located in the Advanced Technology Division, Propulsion Development Department. The incumbent will provide clerical assistance to the branches and division office. Duties will include typing of both technical and non-technical correspondence, reports, memorandums, travel orders and other duties as assigned. Job Relevant Criteria: Ability to type accurately and efficiently. Ability to get along with others in a work group. Ability to operate a MAG Card II typewriter is desirable.

File applications for the above with Mary Morrison, Bldg. 34, Rm. 210, Ph. 2292.

Clerk-Typist, GS-322-3, PD No. 7584001, Code 4402 — This position is located in the Classification Management Program Office of the Security Department. Incumbent's duties will include typing letters and DD Forms 254 from rough draft format; maintaining the contract log; answering telephone calls; setting up appointments and greeting visitors. Job Relevant Criteria: Ability to type efficiently and accurately, ability to work rapidly and accurately, telephone answering skills, receptionist abilities, ability to get along with others in work group. Hours of work: Incumbent will normally work from 7:30 a.m. to 4:30 p.m., Monday through Friday, on an intermittent schedule.

Model Maker (Sheet / Plate Metal), WG-3860-13, JD No. 129N, Code 3712 — incumbent, in close coordination with a scientist or an engineer, makes, from raw materials, accurate models of structural items such as launchers, test sleds, wind-tunnel models of missiles, air frames and other related parts of the missile program. Makes chassis (Continued on Page 7)



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

ROMAN CATHOLIC
MASS
Saturday 1700 fulfills Sunday obligation
Sunday 0700 0830 1130

BLESSED SACRAMENT CHAPEL
MASS
Daily except Saturday 1135

CONFESSIONS
Daily 1115 to 1130
Saturday 1615 to 1645
Sunday 0800 to 0825
Wednesday 1830 to 1930

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

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

JEWISH SERVICES
EAST WING — ALL FAITH CHAPEL
Sabbath Services every Friday 2000
UNITARIANS
CHAPEL ANNEX 95
Sunday Services — (Sept.-May) 1930

Burros defeated . . .

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Sticking almost exclusively to the airdales, Martin then connected with Blanche for a 10 yd. gain, followed by a 9-yd. pickup on a toss to Dan Gilbert, wide receiver for the locals. After a screen pass to Charlon gave the Burros a first down on the Raiders' 22 yd. line, the drive showed signs of stalling, but a fourth down pass was caught by Gilbert, who was collared just short of the goal line.

On the next play, QB Martin kept the ball and plunged in for the score. An attempted pass on the try for the extra point failed, and the scoreboard read: Sonora 34, Burroughs 13.

Trying to retain possession of the ball on the ensuing kick-off, the Burros attempted an on-side kick, but the Raiders came up with the ball at midfield and put together one final scoring drive. Kenlon, who had three touchdowns and 100 yards gained to his credit by the end of the third period, started it off with a 26 yard romp to the Green and White 23 yd. line.

After the Raiders picked up another first down on the Burroughs High 11, it was Quarterback Porter who accounted for the game's final tally as he rolled around right end and continued on into the end zone. The try for the PAT was good to make the Raiders' final margin of victory, 41-13.

Kennedy High School's loss by a score of 29-26 to Agoura eliminated the only other Golden League team still left in the 1975 Class 2A CIF play-off competition.

Score by quarters:

Burroughs	0	7	0	6	- 13
Sonora	14	7	13	7	- 41

Class scheduled on running rivers in kayaks

If there is sufficient interest among local residents, a kayak class will be taught at the NWC swimming pool starting Jan. 7.

The instruction, emphasizing basic techniques for running white water, will be scheduled from 8 to 10 p.m. each Tuesday for six weeks.

The class will be open to both men and women 15 years of age and older, and will be limited to 10 students. Kayaks will be provided.

Ken Lagergen has consented to instruct the class. He attended the Roger Paris Kayak School near Aspen, Col., and has since run the rapids on many challenging rivers.

For more information, interested persons may contact the gymnasium secretary by calling ext. 2334, or Lagergen, at 446-2464, after 5 p.m.

Pigeon season to open

The hunting season for band-tailed pigeons will begin tomorrow in the 45 central and southern counties of California and run through Sunday, Dec. 28.

Shooting hours are a half-hour before sunrise to sunset, and the limits for band-tails are six per day, six in possession.

Last year, Kern County was one of the seven counties in which hunters had the highest degree of success during the band-tailed pigeon season. This year, however, there is a general abundance of feed, and the birds have not concentrated as they do when the food supply is limited to local areas, the Department of Fish and Game reports.

Cerro Coso cagers lose to Porterville, West Hills; to play Taft College tonight

The Cerro Coso College basketball team lost its season home opener last Saturday night to Porterville College by a score of 75-45. It was the Coyotes' second straight loss to Porterville.

During the second half, the Coyotes' play improved as they matched Porterville point for point. Each team tallied 36 points.

Cash Cowles, who hit 15, and Scott DeGeus with 13, were the Coyotes' leading scorers.

Poor shooting in the first half proved to be the Coyotes' downfall, as they could manage only 9 points in the first 20 minutes of play. This was just 15 per cent of their shots from the floor.

Employee in the spotlight

When Al Goettig was a senior at the University of Illinois he met Frank Fulton, a recruiter for the Naval Ordnance Test Station, now NWC.

Since Al had joined the ROTC while at the university, he was committed to two years duty with the Air Force upon graduation. At that time the active duty tours typically began about 6 months after graduation.

Expecting to have six months before being called to active duty, Al, an avid sportsman, decided to accept Fulton's offer and come to China Lake because it would give him a chance to see the West Coast and perhaps learn to ski.

Shortly after receiving his B.S. degree in mechanical engineering in 1955, Al came to NOTS as a junior professional. From 1955 to 1961 he worked in the Sidewinder 1C development program except for an 18-month period (1956-58) in New Mexico at the Holloman Air Development Center, Holloman Air Force Base, where he was involved in the testing of Falcon and Sidewinder 1A missiles. Al received an Air Force commendation for developing an experimental high altitude (70,000 ft.) target system.

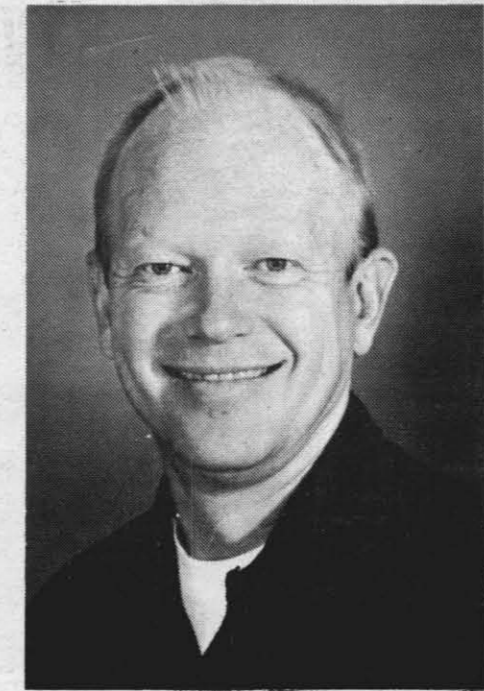
Varied Assignments Handled

Since joining the Weapons Planning Group (Code 12) in 1961, Al has had a wide variety of assignments. He served as deputy project leader and later as project leader for the first CNO Nonnuclear Ordnance Studies in the early 1960s. These studies established the baseline concepts for estimating the Navy's TACAIR weapons inventory requirements.

Al also has served as program director for Air Strike Warfare Studies, associate for Ad Hoc Center Support and senior associate in the Weapons Planning Group.

In early 1969, Al was assigned the responsibility for planning, organizing and leading the NWC efforts in the CNO-directed Tactical Air Armament Study. The initial tasks in this study developed options for the CNO to reverse the trend toward proliferation of TACAIR weapon types in the Navy inventory.

As associate for Ad Hoc Center Support, Al was assigned the responsibility for in-



Al Goettig

creasing the Weapons Planning Group's direct involvement in NWC programs. This was done through a relatively unique effort to provide quick reaction with teams of experienced analysts responding to urgent technical and operational questions raised by NWC top management, technical department heads and program managers. Al's role was to define requirements for the ad hoc studies, formulate projects, assemble task teams and relate results to management decision areas.

In 1972, Al was made senior associate of the Weapons Planning Group, directly assisting Carl Schaniel in the planning and management of the total Code 12 effort. In October of this year, an important TACAIR Project was assigned to Code 12 and Al has been freed from his other duties to spend his full time leading this effort.

This NAVAIR and CNO-sponsored TACAIR Air Capabilities Options Project (TACOP) required the full time dedication of someone who knows the TACAIR business and can successfully tackle extremely complex questions. According to Al's boss, Carl Schaniel, head of the Weapons Planning Group, Al is that "man." "Making Al available for this important job is like giving up my right arm. He is the guy

who keeps Code 12 running on a day-to-day basis," Schaniel stated.

The purpose of TACOP is to present NAVAIR and CNO with detailed examinations of alternative ways the Navy might carry out tactical air strike warfare in the post 1970s. The type of war and time frame in which the weapons will be used must be considered, as well as the cost and effectiveness of the weapons.

Al was born in Ft. Dodge, Ia., but grew up in Pana, Ill., where he met his wife, Donnie, while attending high school. Donnie and Al were married in August 1954, while both were attending the university. They have three children, Jeff, 18, who is a student at CalPoly; Susie, 16, a junior at Burroughs High School; and Jon, 15, who is a freshman at Burroughs.

Family of Skiers

Al's whole family are dyed-in-the-wool ski enthusiasts and go skiing whenever possible. Al also is an avid fisherman, carrying his fishing gear in the back of his four wheel drive truck so that he can take advantage of any opportunity that arises. In addition, Al enjoys camping and wood-working.

He uses his woodworking talents in fixing up the family's cabin in the Mammoth Lake's area which they bought in 1973 after selling their interest in another cabin that Al and Bob Hoagland, another China Laker, built "from scratch" in 1960.

Donnie is a teacher at Cerro Coso Community College where she teaches business education courses. She enjoys teaching, but also feels it provides valuable contact with students that gives her an added perspective when it comes to raising a family.

Former Employee Here

When she and Al first arrived at China Lake and didn't have any children she was a full time secretary in the Personnel Department. Donnie then completed the Junior Governmental Assistant Program and worked in what was then called Central Staff. Now that her children are nearing the completion of their local schooling, she is again considering full time employment.

Donnie "tolerates" Al's avid fishing interests and this year she even had a fishing license of her own. She also thoroughly enjoys the camping and outdoor living that accompanies a fishing vacation. The Goettigs bought a tent trailer and four wheel drive truck several years ago and these have been a source of considerable pleasure during trips to Oregon, Montana and Canada.

In between sessions of grading papers and sewing, Donnie's interest in playing bridge provides relaxation and pleasant relationships with friends.



PATENT AWARDED—Larry G. Manning (at right) was the recent recipient of a patent award for his work in developing a contact delay and self-destruct circuit. Manning, former head of the Engineering Department's Environmental Standards Division, is shown receiving the patent award certificate from Burrell Hays, his department head. The contact delay and self-destruct circuit provides a predetermined time delay after missile impact before detonation, and a self-destruct system controlled by the missile's operation.

Navy Exchange Shopping Hours

The Navy Exchange has announced extended Christmas shopping hours for the main store, men's shop, annex and Toyland. The extended hours are intended to make it more convenient for active duty and retired military personnel and their dependents to shop for Christmas gifts.

According to Richard Anderson, manager of the Navy Exchange, the hours of operation for the stores will be:

Date	Main Store	Men's Shop	Annex	Toyland
Dec. 12	10 a.m. - 7 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 6:30 p.m.	10 a.m. - 6:30 p.m.
Dec. 13	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.
Dec. 15	10 a.m. - 7 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 6:30 p.m.	10 a.m. - 6:30 p.m.
Dec. 16	10 a.m. - 5:30 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.
Dec. 17	10 a.m. - 5:30 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.
Dec. 18	10 a.m. - 7 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 6:30 p.m.	10 a.m. - 6:30 p.m.
Dec. 19	10 a.m. - 7 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 6:30 p.m.	10 a.m. - 6:30 p.m.
Dec. 20	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.	10 a.m. - 4 p.m.
Dec. 22	10 a.m. - 5:30 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.
Dec. 23	10 a.m. - 5:30 p.m.	10 a.m. - 5:30 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.
Dec. 24	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.	10 a.m. - 5 p.m.
Dec. 26	10 a.m. - 5:30 p.m. + 11:30 a.m. - 1:30 p.m.	10 a.m. - 5:30 p.m. + 11:30 a.m. - 1:30 p.m.	10 a.m. - 5:30 p.m. + 11:30 a.m. - 1:30 p.m.	10 a.m. - 5:30 p.m. + 11:30 a.m. - 1:30 p.m.
Dec. 27	10 a.m. - 2 p.m.	10 a.m. - 2 p.m.	10 a.m. - 2 p.m.	10 a.m. - 2 p.m.

+ Closed if holiday declared

All three facilities will be closed on Dec. 14, 21 and 25.

The Rocketeer

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Naval Weapons Center
China Lake, California
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NWC Commander
Dr. G. L. Hollingsworth
Technical Director



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Sonora knocks Burros out of CIF playoffs

A hard-charging defense by the Sonora High gridders, coupled with the Raiders' free-wheeling offense proved to be more than a match for the Burroughs High School varsity eleven in a 2A CIF quarter-final game played last Friday night at Fullerton Field. The final score was a lop-sided 41-13.

The loss knocked the Burros out of the CIF playoffs and established Sonora as a top contender for the 1975 southern division Class 2A football title.

Before the Burroughs High gridders were able to get their offense rolling, it was late in the second quarter of the game and they were trailing 21-0.

Two of the Raiders' first three tallies were chalked up by Mark Kenlon, Sonora High's top ball carrier, who also scored again in the third quarter to account for 18 points.

Sonora's highly-touted quarterback, Jim Porter, also lived up to his advance billing by passing the ball for gains totalling 130 yds. and one touchdown on a completion to Tim Hanifan, wide receiver. In addition, Porter kept the ball and ran it over for the Raiders' sixth and final touchdown of the game in the fourth quarter.

Potent Offense Falters

The Burros' usually potent offense was unable to get anything going until, with slightly less than 4 min. to play in the first half, they took the kickoff following touchdown No. 3 for Sonora and put together a drive that covered 82 yards in seven plays.

A 15-yd. penalty on the kickoff return by Mark McDowell forced the Burros to start their offense from the Green and White 18-yd. line. Two cracks at the line by Ken Charlton, fullback for the locals, gave Burroughs a first down on the 30 yd. line. From there, Steve Blanche turned in the first "big play" of the game for the Burros

Texas Instruments wins 2 games; jumps to early lead in intramural basketball play

The first week of play in the China Lake Intramural Basketball Leagues indicates that the teams have been evenly divided and that the competition for the top spots will be hotly contested.

In the Open League, the Texas Instruments hoopsters have jumped into an early lead by winning their first two games in very close contests. They defeated the Trona Delinquents on Dec. 4, 52-49, and the Homestead Hombres on Dec. 9, 49-48.

In other Open League action, Desert Motors outscored the Homestead Hombres, 52-39, and Loewens I knocked off the Bloodstone squad, 72-58.



TOUGH GOING FOR BURROUGHS — During most of last Friday night's Class 2A CIF playoff game between Burroughs and Sonora High School, Steve Blanche (No. 44) halfback for Burros, had plenty of company whenever he got his hands on the ball. As this photo was snapped, Blanche was trying to cut to the outside after taking a hand-off from Drew Martin (No. 10) quarterback for Burroughs. With their usually effective running game pretty well shut down, the Burros came out on the short end of a 41-13 final score. —Photo by Al Wilson

by scampering 42 yds. for a first down at the Sonora 29 yd. stripe.

After a defensive holding penalty against Sonora on a pass play gave the locals another first down on the Raiders' 15 yd. line, the Burros turned the ball over to Charlton, who covered the remaining distance to the goal line in three cracks at the line. The PAT by McDowell was good, and the Burros left the field trailing 21-7 at the end of the first half.

The Burroughs High running attack was hampered early in the second half by an injury to McDowell that left him unable to return to the game, and Charlton played most of the game on a sore ankle that cut down on his overall effectiveness.

The local varsity gridders were shut out in the third quarter, while Sonora scored two more times to take a commanding lead of 34-7.

In a do-or-die effort, the Burros switched their emphasis to a passing game that netted their second and only other score of the game following a 81-yd. march as the fourth period got under way.

A pass from Drew Martin, quarterback, to Mike Hicks, tight end, gained 35 yds. and a first down on the Sonora 45 yd. line to get the Burros moving.

(Continued on Page 7)

Atoms win title in Youth Soccer play

In the final game of the season, the first place Atoms defeated the third place Cosmos, 2-0, to capture the hotly contested championship of the Youth Soccer League's American Division. This left the Sounders in second place and the Cosmos in third.

During the entire season, only one game did not involve a team with a chance to win the title. In that game the Sounders edged the Stars, 1-0, to clinch second place. Only the Stars with 5 losses and 4 ties were not in the race for the title. The Atoms, Sounders and Cosmos battled tooth-and-nail the entire season for the lead.

In the two leagues composed of just two teams each, the Apollos logged a season record of 5-1-1 against the Cornets to win the junior Pacific Division crown. The Spurs finished the season unbeaten with a 6-0-1 record over the Wolves to take the title in the senior National Division.

An awards presentation ceremony and picnic style lunch will be held at the Youth Gym tomorrow between 11 a.m. and 1 p.m. for all Youth Soccer League participants.

Parents, players, coaches and officials are asked to attend this gathering as plans for next season will be discussed.

Mother's Buggies atop Premier Bowling League

The Mother's Buggies quintet continues to dominate the Monday Night Premier Bowling League and is on top of the standings with a record of 31 wins against only 11 losses.

The Hideaway is in second place with a record of 24-18, followed closely by Loewen's in third place with 23 wins and 19 losses.

This past Monday, the Premier League keglers were led by Jimmy Wright, who fashioned a 612 series built upon games of 211 and 205. Aaron Kane had a series of 610 on the strength of a triple 200 with games of 206, 201 and 203.

Kenny Dalpiaz connected for a 608 series as the result of single game totals of 205 and 208. Sam Canale managed a 606 series on the strength of a big 241 single game effort, and Chuck Outsinger racked up an even 600 three-game set that included a high game of 214.



Wilt's Corner

Field lights banned for use this winter to conserve energy

By Wilt Wyman
NWC Athletic Director

In keeping with the NWC energy conservation program, use of the athletic field lights is banned during the months of December through March. This includes Reardon, Schoeffel, and Murray Fields as well as the Pony and Little League fields. Activities can only be scheduled at these recreation facilities during daylight hours.

It is regretted that this action must be taken, but the requirements to achieve the fixed total energy reduction goals of the Center dictate this necessary step. This also is consistent with the NWC Civilian-Military Recreation Council recommendations for meeting energy conservation goals.

The athletic fields may be reserved for use during daylight hours by calling the gymnasium issue room, Monday through Friday, at ext. 2334 from 11 a.m. to 1 p.m. and 4 to 9 p.m. Permission slips to use the fields may be picked up at the issue room during the same hours.

Bowling Classic

The annual Worldwide Military Bowling Classic will be held in Las Vegas, Nev., Feb. 16-19, Dean Ray, manager of the Hall Memorial Bowling Lanes, has announced.

Military personnel who are interested in competing in this tournament should contact Ray by calling ext. 3471 right away, as entries for this six-man team competition will be taken on a first-come, first-served basis.

Congratulations Extended

Gabe Imer, founder of the Mojave Desert Inter-Service League and director of Special Services at NWC for several years, has extended his congratulations to all players and coaches who helped bring the MDISL overall competition trophy to the Naval Weapons Center for the first time. Although Gabe has transferred elsewhere, he is with us in spirit. We appreciate his interest and accept his congratulations. I hope we can do as well next year.

The first 1976 MDISL competition will be the basketball tournament to be held at March Air Force Base in Riverside, Jan. 16 through 18.

Players interested in competing should contact me by calling ext. 2334 as soon as possible. We must field a strong team to defend our basketball championship garnered in 1975, because the other teams will be after that prestigious trophy.

Scuba Diving Class

Plans for another scuba diving class are under way, however, additional students are needed. Interested persons are asked to sign up now at the gymnasium office or contact Adrienne Swinford by calling 375-5260, so that final arrangements for the class can be made.

Leon Breeden, from Lancaster, will be the instructor.

11th Naval Dist. Basketball

Players are still needed for the NWC entry in the 11th Naval District basketball competition. All interested military personnel are requested to sign up at the gymnasium or to call Lt. Ian Refo, at ext. 5308, or Lt. Terry Allen at ext. 5322.

Also, anyone interested in coaching the team should contact me by calling ext. 2334 immediately.

Reminder published on rules governing use of tenant dump

Regulations governing the use of the tenants' dump on the Naval Weapons Center once again are being brought to the attention of China Lake residents. All persons are reminded of the following general rules:

1. Only China Lake residents are authorized to use this trash disposal site.
2. Throwing household garbage into the tenant dump is strictly prohibited at any time, and the area is posted to this effect. Dumping garbage is not only contrary to NWC regulations, but is banned by the State Health and Safety Code and the Penal Code, Steve Kaupp, China Lake chief of police, said.
3. Regulations prohibit the removal of ANY item that has been disposed of at the tenant dump. Simply stated, no material of any kind can be removed from the dump area.

China Lake police have requested the cooperation of Center residents in complying with these regulations, Police Chief Kaupp stated. He also noted that, as a matter of health and safety, the China Lake police must enforce both Center regulations and state and county laws.

For those interested in more information, NAVWPNCEN Instruction 11350.1 provides detailed guidance on the use of the tenant dump.

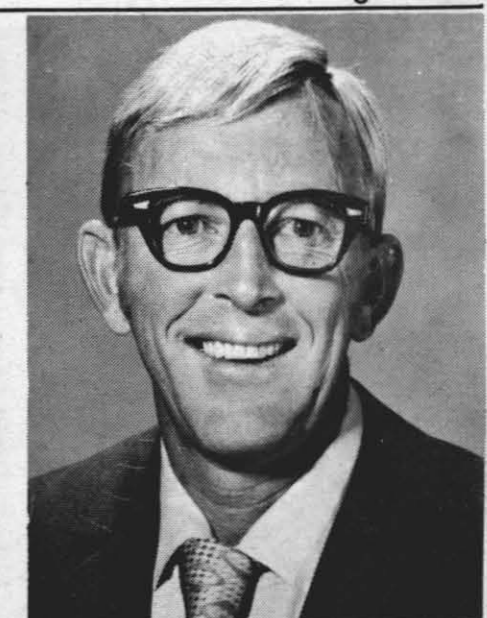
Vocational nursing class at college to be graduated tonight

Graduation exercises for Cerro Coso College's first vocational nursing class will begin tonight at 7 in the college lecture hall.

Mary Shepard and Mary Vie are co-vice-presidents of the graduating class. Dr. Robert Gilmer, chief of staff at the Ridgecrest Community Hospital, will address the graduates.

Also participating in the ceremonies will be Msgr. John F. C. Ryan, of St. Ann's Catholic Church; Paul Riley, dean of students at Cerro Coso; Dr. Richard Meyers, acting president of the college, and Alice Ream, R.N., and Aileen Shelton, R.N., the class instructors.

Those who will be graduated tonight are Teresa Allen, Betty Bachman, Myrna Covert, Peggy Fillmon, Claudia Grandjean, Victoria Hall, Joanne Ingle, Jacqueline McDonald, Clifford Paine, Raona Pearl, Michael Shefler, Mary Shepard, Jenny Slates, Barbara Stephens and Mary Vie.



NEW PRESIDENT — Wilt Wyman, NWC athletic director, on Tuesday night was elected to succeed Robert Fletcher as president of China Lake Community Council's board of directors. Other officers of the local civic group who will assume their new duties on Jan. 13 are Jim Walden, vice-president; Robert McCarty, secretary, and Chief Robert Kaufmann, treasurer.

Increased vandalism reported by BLM in local desert area

The U. S. Bureau of Land Management reports that vandalism on the east side of the Sierra Nevada Mountains, near and around Ridgecrest, is increasing at an alarming rate.

Dick Harlow, Inyokern Resource Area Manager, urged that the people who use national resource lands, and are aware of such acts of mischief, report them to BLM Rangers, California Highway Patrolmen, Kern County Sheriff's Deputies, or other governmental officials.

Harlow said that several windmill towers and related equipment have been damaged recently. One in particular is the Indian Wells Canyon well, located west of Ridgecrest.

"The Bureau of Land Management just recently re-constructed the well after it had been destroyed by persons unknown. Then, three weeks later, it was again shot full of holes," Harlow stated.

According to the Inyokern Resource Area Manager, repair costs due to vandalism often run as high as \$2,500 per well per year. "The people who destroy these facilities must realize that many species of wildlife depend on the well for water, ranchers use it to water their stock, and many recreationists drink there," Harlow added.

"This destruction of Federal property is punishable by fines and/or imprisonment. Hopefully, users of national resource lands will realize their obligations and this type of vandalism will cease."

The FBI and local law enforcement agencies have been notified, Harlow concluded.

Patrons at Navy Exchange required to show ID cards

In order to protect Commissary Store and Navy Exchange privileges, all patrons entering these facilities are now required to present valid military identification cards. This includes personnel wearing military uniforms, as well as those out of uniform.

This policy has been endorsed by the host commands where all Commissaries and Navy Exchange stores are in operation, and is not new.

Recent abuses have been noted, however, and it is therefore incumbent upon all authorized patrons to recognize their responsibilities in assuring that only authorized patrons make purchases, and that such purchases are for their own use or are bonafide gifts.



NO-LIVE-OPERATOR flights of the QT-38A supersonic target aircraft are controlled from this cockpit-like array of equipment located in an auxiliary building at the Naval Air Facility. The man in the air controller's seat (occupied during this photo by Darwin Rice) is able to watch a small television screen that picks up the view from a TV camera mounted in the nose of the pilotless aircraft. This helps to orient the aircraft in reference to the horizon and to line it up on the runway for landings. The larger screen at the left is an X-Y plot board that shows the position of the target drone at all times. In addition to Rice, other ground control station personnel in this photo are (from left) Douglas Savage, Richard Aughe, Harry Roy, David Olanyk and Norman Osmon. Next door to the ground control station is a radar van equipped with a tracking radar and optical equipment that visually tracks the pilotless aircraft. —Photo by Ron Allen

Target aircraft NOLO flight successful . . .

(Continued from Page 1)

supervised the mechanical design work. In addition, Jay Bornfleth, project manager for the QF-86H conversion program (modification of an Air Force Sabrejet aircraft for use as a subsonic target drone) also was involved in the QT-38A effort, as were Harold Schmeer and William Stuart, both electronics technicians in Code 39 (the Weapons Department). An earlier contributor to the program was



A CHASE PLANE, flown by Lt. Michael J. Tkach, can be seen in the background as Harlan Reep, drone controller, brings the QT-38A in for a smooth landing after its first NOLO flight. —Photo by Ray Hocker

Vance Hansen, who is now working on the staff of Capt. W. B. Haff, the NWC Technical Officer.

Installation of a drone control package was the primary change to the Air Force T-38 supersonic aircraft. In addition, a system was installed for emitting smoke that enables the pilot of any chase aircraft to more easily spot the drone, and a destruct package was installed as a safety backup measure.

The actual flight test program of the supersonic drone, with Lt. Michael J. Tkach, Aircraft Systems Officer in the Systems Development Department, serving as project pilot and safety pilot, began approximately six months ago.

Next ROCKETEER will be final issue in '75

The ROCKETEER issue of next Friday, Dec. 19, will be the final publication of the year. The Center newspaper will resume publication in 1976 with the issue dated Jan. 9.

In view of this, all clubs, organizations and other groups that would like to publicize their holiday events are reminded to get notices of such activities to The ROCKETEER office no later than Tuesday, Dec. 16.



SOME OF THE KEY personnel involved in work that was climaxed by the first NOLO flight of the QT-38A are shown above by the pilotless aircraft. They are (kneeling, l.-r.) Harold Schmeer, an electronics technician; John Keen, the program manager; John Owens, project engineer, Harlan Reep, drone controller, and Dennis Bishop, a mechanical engineering. Standing are (from left) LCdr. James Pate, head of the NAF Targets Department; LCdr. Don Barton, former targets' officer; Lt. Michael Tkach, project pilot; Jay Bornfleth, the QF-86H project manager, and Glen Coffman, a mechanical engineer.



INTRAMURAL FLAG FOOTBALL WINNERS — The Naval Air Facility Hawks recently won the China Lake Intramural Flag Football Championship by breaking a first place tie with the Homestead gridiron squad in overtime. Capt. C. B. Olson, Commanding Officer of NAF, (at right) earlier this week congratulated the team as he accepted the trophy. On hand for the presentation were (left to right) Lt. Bob Jackson, AZ2 Greg Bishop, co-captain, Lt. Bob White, AN Jim Erdman, Lt. Ron Hill, co-captain (holding trophy), AZ3 Rich Stevens, Lt. Ian Refo and SN Mike Fulner, kneeling. Members of the team not pictured were AN Gordon Gillie, Lt. Duane Duncan, AN Rod Lewis, HA Rich Stubblefield, ETN3 Dennis Murphy and DA John Pedreira. Other teams in the league included the NAV Crabs, who finished in third place, and the VX-5 Vampires. —Photo by Joe Dunn



TIPS GIVEN ON SAFE DRIVING — In an effort to prepare Centerites for the hazards of driving during the coming holiday season, two presentations of a program covering different aspects of this subject were presented on Monday and Tuesday at the Center Theater. The speakers were Steve Kaupp, China Lake chief of police (at left), and Robert Carpenter, an officer of the California Highway Patrol. On Tuesday, Sgt. Mike Dunlap replaced Officer Carpenter as the CHP representative. —Photo by Ron Allen

Tips on safe driving this holiday season given by CHP officer, NWC chief of police

By Lt. Mike Thompson, USNR-R

The drinking driver and the driver who falls asleep at the wheel were the main holiday traffic hazards outlined during two presentations of a program about safe driving at Christmas and New Year's that were staged for the benefit of NWC personnel and their dependents on Monday afternoon and Tuesday morning at the Center Theater.

Speaking on the subjects of accidents, citations and how to avoid them were Officer Robert Carpenter, of the California Highway Patrol, and Stephen Kaupp, NWC Chief of Police. On Tuesday, Sgt. Mike Dunlap of the CHP shared the speaker's platform with Police Chief Kaupp.

"The solution may seem simple, but it's true: To avoid citations, obey the law," Officer Carpenter began.

Annual Toll Staggering

Carpenter illustrated the impact of drunken driving on national and state automobile casualty rates by showing that, of 50,000 deaths nationally and 5,000 deaths statewide in an average year, half were caused by drinking drivers. The State of California is among those most concerned with reducing these statistics, he asserted.

To meet the challenge of the drunk driver, California has mobilized a variety of forces. A combination of new technology — which includes airplanes, on-the-spot audio recording, and videotape — as well as more stringent sentencing and education programs are the keys to a program which will put 6,000 CHP officers on the highways during the peak holiday period of Dec. 19 through Jan. 2.

In 1974, programs like this, applied year-round, resulted in 250,000 arrests, a total that represents one-third of all drunken driving citations nationwide, it was emphasized.

Safe Alternatives Suggested

To avoid problems of drinking and driving, the motorist should seek alternate means of traveling to his destination. Calling a taxi or staying after a party to "sleep it off" are preferable to getting behind the wheel of an automobile when intoxicated. Any individual can make a valuable contribution to traffic safety — and possibly save a life — by taking the car keys away from a potential drunk driver about to leave a party and finding him a ride home with a sober friend, according to CHP Officer Carpenter.

An additional, related problem, Carpenter stated, is the driver who falls asleep

at the wheel. The great distances and long hours of travel associated with holiday driving can lead to driver fatigue and a potentially fatal accident. Rolling the car, as well as a variety of other single car crashes, are the most common result of driving when overly tired.

The driver falls asleep, only to be awakened by the shaking of the automobile as it drifts off the highway and onto the shoulder of the road. Instead of riding out the vehicle's motion and applying the brakes lightly, as an alert driver would do, the sleepy driver will attempt to jerk the car back onto the road with a sudden motion of the wheel, and a rollover accident is the consequence.

Officer Carpenter suggested that getting out of the car and walking around, having a cup of coffee, letting someone else drive, or simply checking into a motel and going to sleep are more desirable than another traffic fatality resulting from a motorist falling asleep at the wheel.

Police Chief Kaupp provided a look at the holiday traffic picture aboard NWC. He warned, again, of the dangers of drunken driving and informed the audience that the law would be strictly enforced on the Center.



BURRO PROBLEM UNDER STUDY — Animals like these and what to do about how their living habits affect other desert flora and fauna came up for discussion and personal observation during a two-day meeting held here last Friday and Saturday by the National Advisory Board for Wild Free-roaming Horses and Burros. Board members reviewed environmental damage resulting from an overpopulation of burros in the northeastern Mojave Desert.

Burros, wild horse problem studied . . .

(Continued from Page 1)

locations in the western states, the board is able to review problems and economic conflicts created by large populations of feral burros and horses during field trips, and by hearing the views of local organizations and individuals.

During the meeting at NWC, representatives of a number of conservation organizations such as the National Wildlife Federation, the Animal Protection Institute, the Sportsmen's Council of Central California, the Desert Bighorn Council, the California Wildlife Federation, the Desert Protective Council, the Sierra Club and the Woolgrowers Association urged the Advisory Board to recommend control of feral burros in the California deserts. Critical of the board's role in relation to the BLM was a statement read into the proceedings by a representative of the American Horse Protective Association. Several private citizens also made statements to the board describing their views on the issue.

Although the National Advisory Board has no charter to take action, it makes recommendations to the Secretaries of Agriculture and the Interior to direct their agencies, the Bureau of Land Management and the U.S. Forest Service, to implement programs under the provisions of the Wild Horse and Burro Act of December 1970. Because of a last-minute personal

emergency affecting one of the board members, a quorum of the board was not present at this meeting. Recommendations or resolutions will be deferred until the next meeting, early in 1976.

Despite the lack of a quorum, all agencies involved, as well as the board members, expressed opinions that both the meeting and the field tour gave them a better understanding of the magnitude of growing ecological problems created by overpopulations of feral burros in this region of the Mojave Desert, where competition for water and forage threatens the welfare of native species.

The modern feral burro and horse are not native to North America. The burro evolved in desert locations of Africa. First domesticated around 3000 B.C., it came to the western American continent with Spanish missionaries. Later in the 19th century, burros were used by early day prospectors, miners and charcoalers. Strays, or animals abandoned as the mines gave out, are believed to be the ancestors of the feral burros in western deserts today.

Ancient Ancestors Now Extinct

Although an ancestor of the modern horse evolved in North America, the replacement of grasslands by desert toward the end of the Pleistocene Era caused extinction of this and other large mammals in what is now the North American desert system. Horses descended from Central Asiatic and Middle European ancestors were brought by the Spanish Conquistadores when they entered Mexico and traveled as far north as present New Mexico.

In a few areas, conformation of modern feral horses reflects Barb and Andalusian ancestry. Feral horses in California are considered to be descendants of domestic horses that strayed from early day ranches or were turned out on the range and never rounded up by their owners.

Both feral horses and burros have been successful in adapting to life in arid environments. Protective legislation has resulted in population increases of serious concern to the welfare of native wildlife and, in some areas, impact on range conditions where the grazing industry is the economic base of the human population.

Matter of Grave Concern

Preserving herds of feral horses and burros in balance with the capacity of the range to sustain them, as well as competing native herbivores and domestic grazing animals, is a matter of grave concern to resource managers throughout all the western states.

These are the problems addressed by the Advisory Board and the state and federal resources agencies, not only at scheduled meetings, but by continuous, year-round, efforts to develop compatible management programs for all species using the rangelands of the arid West.

The proceedings of the National Advisory Board containing statements and presentations of organizations and individuals, as well as recommendations passed by the board are recorded during the meetings and forwarded, in printed form, to the Secretaries of Agriculture and the Interior for action.

Announcement of the date and location of board meetings is made in the Federal Register and through communication channels of the Bureau of Land Management and the U.S. Forest Service.

Computer Club meeting set at 11:30 a.m. Tuesday

A newly-formed Computer Club will hold a brown bag lunch meeting for the purpose of discussing home computers on Tuesday, starting at 11:30 a.m. in the Joshua Rm. of the Community Center.

Brief talks have been scheduled on "Experiences With an 8800 Computer," "Comparison of 8800 and 6800 Microprocessors," and "Construction of a TV-Typewriter."

Interested persons can obtain additional information by calling Donald Daniel, an electronics engineer in the Electronic Warfare Department, at NWC ext. 3139.

3 Center employees win awards at Technical Publications Exhibit

Three employees of the Technical Information Department have received word that their entries have won awards in the 1975 Technical Publications Exhibit of the Los Angeles Chapter of the Society for Technical Communication.

A regional competition, this exhibit drew entries from technical communicators throughout Southern California.

"A Proud 200," a commemorative brochure describing the development of ordnance and of the concept of the military/scientific defense team through the Navy's 200-year history, won an Award for Excellence for Elizabeth Babcock, writer; Florence A. Dinsmore, editor; and William M. Erwin, designer. This is the second commemorative brochure produced by this TID team, which also was responsible for the Michelson Laboratory 25th Anniversary brochure in 1973.

Another Award for Excellence was won by Erwin for his design of "Career Opportunities," NWC's new recruitment brochure. Both publications will now be entered in a national-level publications competition, sponsored by the Society for Technical Communication. Awards in this competition will be announced in May at the International Technical Communications Conference in Washington, D.C.

"A Proud 200," which was on sale during NWC's recent big celebration of the Navy's birthday, is still being offered for only \$1 by

the NWC Public Information Office, Rm. 2024 in the Administration Building, during regular working hours.

The brochure also may be purchased from the Maturango Museum.

'Early Out' optional retirement offered until end of month

As a reminder to those who are eligible, "Early Out" optional retirement authority has been granted by the Civil Service Commission through Dec. 31, 1975. The eligibility provisions are as follows:

The employee must be in grade GS-13, 14, or 15 and must have been on the rolls of the Naval Material Command prior to July 14, 1975.

The employee must be 50 years of age and have completed 20 years of service, or the employee must have completed 25 years of service regardless of age.

It should be noted that the annuity payable under this authority is reduced by 1/6 of one percent for each full month the employee is under age 55.

All personnel are reminded that this retirement is truly voluntary on the part of the employee and that the employee must not be directly or indirectly coerced to use this authority.

Employees having questions pertaining to "Early Out" optional retirement should contact their personnel management advisor.

Schools to present Christmas Festival of Music

A Christmas Festival of Music by the Sierra Sands Unified School District's vocal and instrumental music groups will be presented next Wednesday and Thursday evenings, starting at 7 o'clock, at the Burroughs High School lecture center.

A program of holiday season musical selections by the district's sixth grade band, the Murray Junior High School concert band, the Valley orchestra (instrumentalists from both Murray and Monroe Junior Highs), and the Burroughs High cadet and varsity bands is scheduled on Dec. 17.

On Thursday evening, Dec. 18, the spotlight will be shared by members of the local school district's intermediate string orchestra (all fifth and sixth graders), the Valley orchestra, the Monroe Junior High concert and vocal music chorus, and the Burroughs High School orchestra, mixed chorus and concert choir.

Admission each evening will be by donations of \$1 for adults and high school students. Tickets will be available at the lecture center box office. All younger children will be admitted free of charge.

A total of more than 460 vocal and instrumental music students will be taking part in this Festival of Music during which five groups will be performing on Dec. 17 and six others on Dec. 18.

The district's sixth grade band and the Murray Junior High

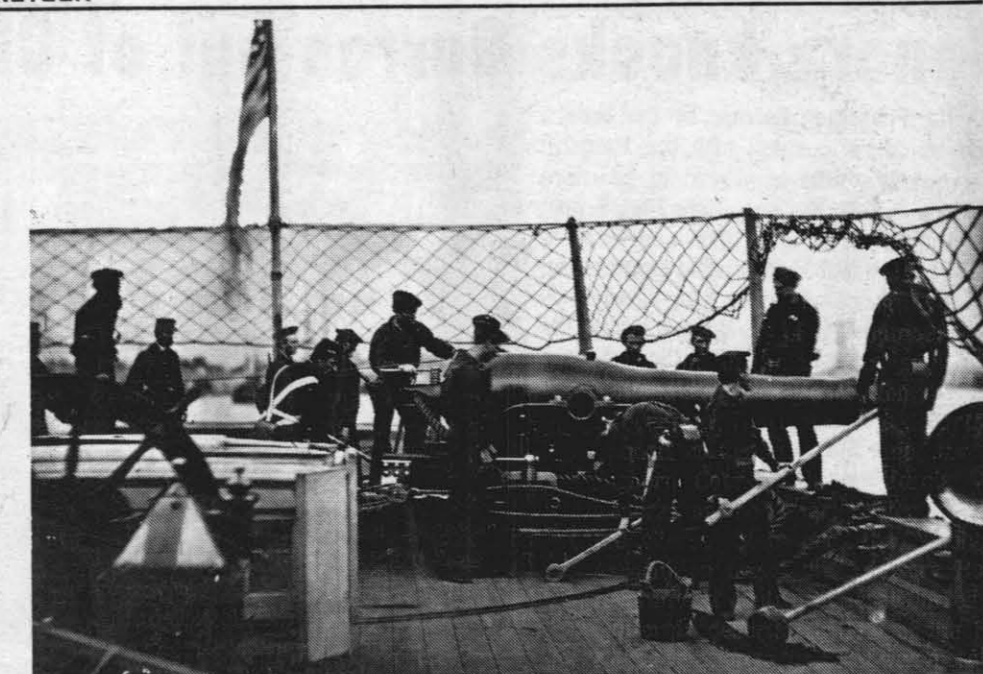
concert band, both directed by Mrs. Alberta Kline, will be presenting such selections as "Up on the Housetop," "While Shepherds Watched," "Angels We Have Heard on High," three American Christmas carols, "Oh Come, Oh Come Emmanuel," and "Winter Wonderland."

Numbers to be played by the Valley orchestra and the Monroe Junior High band, both directed by Mrs. Louise Bare, will include: "He Shall Feed His Flock" (from the "Messiah" by Handel), "Silver Bells," "The Sleigh Ride," "Christmas Waltz," and "White Christmas."

In addition, such well-known Christmas season tunes as "First Noel," "Adeste Fideles," "Deck the Halls," and "God Rest Ye Merry Gentlemen" will be played by the district's intermediate string orchestra, under the direction of Janet Blakesley.

Vocal music students from Burroughs High who make up the concert choir and mixed chorus (both directed by Russell Parker) will be presenting their renditions of "Do You Hear What I Hear?," "He Is Born," "Exultate Deo," "In the Stillness of the Night," "The First Noel," and "Who's Looking for Glory?"

"Santa Claus Is Coming to Town" and "Holiday Sleigh Ride" will be two of the numbers to be played by the Burroughs varsity band, led by Terry Wilson, and Mrs. Bare will direct the Burroughs High orchestra in "Alleluia," "Song of the Bells," and "Yuletide Fantasy."



—Courtesy of Brady Collection, National Archives

PROUD HERITAGE DESCRIBED — This rare Civil War photograph of the Dahlgren gun in action is one of over 40 such illustrations in "A Proud 200," NWC's commemorative booklet prepared in honor of the American Revolution Bicentennial and the 200th Anniversary of the U.S. Navy. Word was received here recently that this was one of two TID publications to win Awards for Excellence in the 1975 Technical Publications Exhibit, sponsored by the Los Angeles Chapter of the Society for Technical Communication.

Happenings around NWC

Tickets are now on sale for the CPO Club's New Year's Eve Ball, George Barnard, club manager, has announced. Price of admission includes a CPO Club-hosted bar, prime rib dinner, with wine, favors and hats. Admission will be by

reservation only.

The "Ron Chandler Explosion" Band, from Los Angeles, will be featured musical group for the dance starting at 9 p.m. and continuing until 1 a.m.

A social hour will begin at 6 p.m. followed by dinner at 7.

Dance Set at Chaparral

The "Person-to-Person" Band from Victorville will be featured tonight at the Chaparral Club for a dance beginning at 9:30 p.m. and continuing until 1 a.m., according to Walt Schimke, club manager.

Schimke also announced that plans for the club's New Year's Eve party have been completed and that the "New Good Grief" Band will provide entertainment and music for dancing from 9 p.m. until 2 a.m.

In addition, the manager noted that the Chaparral Club features open-face steak sandwiches every Thursday and on military paydays from 6 to 9:30 p.m.

Christmas Cantata Planned

A Christmas cantata based upon the story of the birth of Christ will be presented on Sunday, starting at 8 p.m. at the Church of Jesus Christ of Latter Day Saints, 501 N. Norma St., Ridgecrest.

The 40-member LDS Church choir will be directed by Rosemary Mathew in its presentation of "The Year of Our Lord."

Annual Yuletide Luncheon

Members of the Protestant Women of the Chapel will hold their annual Christmas luncheon on Tuesday in the East Wing of the All Faith Chapel.

The lunch, which will begin at 11:30 a.m., will be followed by a program that will feature a talk and film slides about a trip made this past spring to the Holy Land by Alonzo Heath, director of the Bakersfield Rescue Mission, and Mrs. Heath.

Reservations to attend this annual event must be made no later than 4:30 p.m. today by calling Eleanor Hartwig, at the Chapel office, ext. 2368. Cost of the luncheon is \$2 per person.

COM New Year's Eve Party

Reservations are still being taken for the New Year's Eve party at the Commissioned Officers' Mess.

There will be music by the "Good Times Band," along with other planned entertainment during five hours of continuous fun-making that will begin at 9 p.m. and continuing until 1 a.m.

Included in the price of \$15 per person will be a gourmet filet mignon dinner with wine, party favors and champagne at midnight.

Reservations must be made and tickets picked up at the front desk at the COM no later than next Friday, Dec. 19.

The COM will remain closed from Wednesday, Dec. 24, through Monday, Dec. 29, Roy Moss, club manager, announced.



BLOOD BANK DRAWS CROWD — Last week's visit of the Houchin Community Blood Bank's mobile unit to the Elks Club in Ridgecrest resulted in the addition of 117 pints of blood to the Indian Wells Valley Blood Bank's Advance Fund. All told, a total of 143 prospective donors turned out to help others less fortunate than themselves. Kay Thoms, chairman, expressed her appreciation on behalf of those in need of blood to the donors, as well

as to Dr. James Hamill, from the Ridgecrest Community Hospital, who assisted for five hours during the mobile blood bank visit. Other aid was provided by Marian Sherlock, Dorothy Rij, Mary Ann Henry, Marianne Fettkether, Regina Norrick, Cathy Banks and Pat Moore, all members of the IWW Nurses Club; Elks Lodge and Emblem Club members, and volunteers from Beta Sigma Phi sorority. —Photo by Ron Allen