

County Art Festival Set April 12-13 At Community Center

The 27th area IV show of the Kern County Parks and Recreation Department's Art Festival will be held on Saturday and Sunday, April 12 and 13, at the Community Center.

The Desert Art League, sponsors of the area IV show, will be in charge of greeting visitors, hanging the paintings, and operating a snack bar.

The work of amateur artists will hang alongside those of professionals. Each artist has been allowed to submit two original works of art which must have been executed within the past year.

In addition to paintings in oil, watercolor, and other mediums, collages, original stitchery, macrame, and sculpture entries will vie for prizes.

Judging will be performed by a team from out-of-town. The entries will be divided into elementary, high school and adult amateur divisions. Winners will be judged again at Bakersfield in the finals of the countywide Art Festival.

The local event will be open from 2 to 8 p.m. on April 12, and from 11 a.m. to 6 p.m. on April 13. More than 400 works of art have been entered. There is no admission fee.

In addition, members of the Desert Art League will display a collection of miniature paintings for sale. The club also plans to award door prizes.

Demonstrations of painting in various media, including oils and watercolors, plus weaving, wheel-thrown pottery and sculpting are planned.

Watercolor Artist To Speak Tonight At Art League Meeting

Milford Zornes, nationally known watercolor artist, will be the guest speaker at the next Desert Art League meeting, which is to be held tonight at 7:30 in the Pierce School auditorium.

Friends and members of the Art League are asked to note the change of the meeting place and date. Zornes, who makes his home in Utah, is on a tour of southern California and the Friday date was the only one available for his talk to the local club.

He will present a watercolor demonstration that will be followed on Saturday and Sunday by a workshop for Art League members.

Prior to Zornes' demonstration, there will be an election of Desert Art League's officers for 1975-76. Nominees, and the offices they seek, are: Dr. W. S. McEwan, for president; Beverly Atkins, for membership vice-president; Lorraine McClung, for program vice-president; Connie Anderson, for secretary; and Isabella Wingate, treasurer.

Other nominations will be accepted from the floor prior to the election.



HIGH SCHOOL DIPLOMAS RECEIVED — Taking advantage of the Pre-Retirement Education Program (PREP) that is offered here by LaVerne College, two members of Air Test and Evaluation Squadron Five (VX-5) recently completed 12 weeks of studies needed to complete requirements for their high school diplomas. Capt. E. M. Crow, Commanding Officer of VX-5, is shown congratulating the first two members of his squadron to receive high school diplomas through PREP. They are Chief Aviation Electrician G. F. Alexander (at left) and Yeoman 1st Class D. G. Kemp. —Photos by Ph2 Terry Miles.



TOPS IN PHOTOGRAPHY — This photograph of a grey fox, by James T. Johnson, will be one of those on display as part of a special exhibit, "Tops in Photography," at the annual China Lake Photographic Society's "Photo Fair," tomorrow and Sunday at the Community Center. This traveling exhibit will be on loan from the Photographic Society of America and will be displayed along with photos by local artists. The Photo Fair gives local shutterbugs the opportunity to showcase their work, in addition to providing a vehicle for the stimulation of photography as a hobby by local residents.

Shutterbugs To Exhibit Work During Photo Fair This Weekend at Community Center

The 5th annual Photo Fair, sponsored by the China Lake Photographic Society, will be held from noon to 9 p.m. tomorrow and from 11 a.m. to 5 p.m. on Sunday at the Community Center.

The Photo Fair is not a contest. It is an exhibit of photos, color film slides and movies taken by local shutterbugs and some from the Photographic Society of America.

Besides the display of photographic work, five slide shows have been planned plus the showing of a prize-winning movie. "Dune Buggy '73," a film directed by Gail Falkenberg and shot by Bill Beasley to a script written by John Dunker, all employees of the Technical Information Department's Film Projects Branch, will be screened for the public.

Robert Ginn's "Man and His Environment," an outstanding slide show recorded by this former Ridgecrest Daily Independent photographer, will lead the list of color slide presentations.

Two local adventurers — Hal and Jean Bennett — will show "Chilkoot Pass, the Trail of '98," which is the story of a hike over the historic pass used by stampeders in the Alaskan gold rush of 1898. In addition, a photo essay about the Bristlecone Pines that won honorable mention at the Photographic Society of America's annual convention last October in Chicago will be shown by Milton and Betty Speckels. It is called "The Ancient."

Another slide show, entitled "A Trip to 1849," by Herb and Kay Francis, will be offered. "Kamper Kapers by Kay," filmed by Mrs. Francis, is the final show on the agenda. Herb Francis is president of the Wind and Sun Council of Camera Clubs, which includes the China Lake Photographic Society among its members. There is no admission charge and all interested persons are invited to attend.

Caravan To Play For Dance at COM

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

Tomorrow night is members' night at the club. Drake Dierkhising, club manager, will be serving beer and pizza for two for only \$3. This includes a pitcher of beer and a large pizza.

A small pizza and three glasses of beer, enough to serve one person, is priced at \$2. Now that spring is here, Dierkhising reminded COM members that casual attire is customary. "That means trousers and shirt. Levis and T-shirts or swim wear are acceptable in the Barefoot Bar, but not in the main bar," he pointed 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. 4 APRIL

"BAMBOO GODS AND IRON MEN" (141 Min.)
James Iglehart, Shirley Washington
(Kung Fu Adventure) While honeymooning in the Orient, a black boxer discovers that Chinese agents are trying to recover a cheap souvenir buddah in his possession. They think it contains a substance so powerful that its finder will become ruler of the world. (R)

SAT. 5 APRIL

"CARRY ON HENRY" (91 Min.)
Sidney James, Kenneth Williams
(Comedy) King Henry VIII (Sidney James) cuts up, as a real swinger, with a mixup of brides, boudoirs, beauties and babes. (PG)

SUN. 6 APRIL

"THE FRONT PAGE" (105 Min.)
Jack Lemmon, Walter Matthau, Carol Burnett
(Comedy) Top reporter Jack Lemmon is about to leave the Chicago Examiner in 1929 and marry widow Susan Sarandon. The editor, Walter Matthau, is determined to have Lemmon cover the hanging of convicted cop killer Austin Pendleton, and sends young Jon Korkeas as an untried replacement. Homosexual David Wayne takes to Korkeas immediately as Lemmon prepares to bid his colleagues goodbye. (PG)

MON. 7 APRIL

"THE STONE KILLER" (95 Min.)
Charles Bronson, Martin Balsam
(Action Drama) Veteran Charles Bronson plays a tough, dedicated cop out to stop a Mafia plot. (R)

TUES. 8 APRIL

"AIRPORT 1975" (107 Min.)
Charlton Heston, Karen Black
(Adventure Drama) While flying over the Rockies, a huge 747 jumbo jet piloted by Eftem Zimbalist, Jr., is hit by a small private plane after the pilot, Dana Andrews, suffers a heart attack. Zimbalist is blinded and badly wounded and the rest of the crew is killed leaving a very frightened head stewardess, Karen Black, to alert the authorities. Coached by ace pilot Charlton Heston and company owner George Kennedy as to what to do, Ms. Black keeps the plane aloft. She cannot land the plane, however, so Kennedy and Heston go aloft in helicopters to lower a pilot into the semitor away cockpit. (PG)

WED. 9 APRIL

"BEDKNOBS AND BROOMSTICKS" (117 Min.)
Angela Lansbury, David Tomlinson
(Musical Comedy) A spinster studying witchcraft via a correspondence course, three Cockney children and a lovable old hunchback board a flying four-poster bed to go in search of the final lesson of her course and journey into a world of fantasy. (G)

THURS. 10 APRIL

"ALVIN PURPLE" (88 Min.)
Graeme Blundell, George Whaley
(Comedy) Alvin Purple, a high-school boy has some mysterious attraction, which cause all the girls to pursue him. He starts his adult career as a waterbed salesman. His women customers want practical demonstrations of the product. In an effort to escape his notoriety, he gets employment as a gardener in a convent. Much frontal female nudity, and some fairly intimate scenes between Alvin and some of his paramours, might offend some audiences. (R)

FRI. 11 APRIL

"YOUR THREE MINUTES ARE UP" (93 Min.)
Beau Bridges, Ron Leibman
(Comedy) Our credit card society gets the critical eye in an original comedy by James Dixon in which the satire has a sharp edge. (R)

U.S. Government Printing Office: 1975-483-492 / N0162

From: \_\_\_\_\_ PLACE STAMP HERE
To: \_\_\_\_\_

Quality Control Impact on Weapons Systems Acquisitions Cited

A highly perceptive summation of the "Impact of Quality on Navy Acquisitions," presented by Rear Admiral R. G. Freeman III, NWC Commander, was the main event of the evening at a dinner meeting held on March 27 to mark the local observance of California Quality Week.

The meeting was one arranged by the Sierra Sands Sub-section of the American Society for Quality Control (ASQC). Tony Miller, chairman of the local sub-section of ASQC, served as moderator of the evening, while the guest speaker was introduced by Walter Kuzmin, vice-president and general manager of the Ridgecrest Division of

Systems Consultants, Inc. RAdm. Freeman noted that his own interests in quality control and quality assurance date back many years to the time when he served as an inspection officer in the Navy Overhaul and Repair Facility at Jacksonville, Fla.

"The two things that I carried away from that assignment were a deep appreciation for the role and responsibilities of an inspector in the production line, and the clear realization that it was too late to design quality into a system after it had gone into the Fleet," the speaker commented. While weapons systems acquisition has

always been important, the NWC Commander stressed that it is now becoming vital not only to the welfare of the nation but to this nation's friends and allies throughout the world because of its relevance to the operational readiness of the Armed Forces of the United States.

"The business of weapons systems acquisition now competes with programs intended to answer our social needs in a very direct way," RAdm. Freeman said as he noted that what he called "external factors" in the acquisition process are exerting more and more pressure on the executive and legislative branches of the

Federal government during the budget cycle each year. "Inflationary trends, increasing unemployment and urgent domestic issues are always factors when the Congress has to act on the budget, but perhaps at no time since the great depression of the 1930s has there been so much pressure to view economies in defense as a practical way to free up our resources for other needs," the speaker stated.

"Quality assurance," RAdm. Freeman said, "is defined by the Navy as a planned and systematic pattern of all actions (Continued on Page 5)

nwc rocketeer logo with a stylized rocket in a circle. Naval Weapons Center, China Lake, California.

AO2 William Windle Singled Out As NWC's 'Bluejacket of Month'

Aircraft Ordnanceman Second Class William M. Windle III, the armory petty officer at the Naval Air Facility, has been selected as April's "Bluejacket of the Month."

The seven-year Navy veteran has been stationed at China Lake since December 1973. He came here from the Naval Weapons Station at Fallbrook, Calif., where he worked as a missile assembly crew leader on such weapons as the Shrike, Sparrow, Sidewinder, Walleye, Standard Arm and Phoenix.

As a result of his selection, AO2 Windle and his wife, Sue, will be treated to an all-expenses-paid weekend in Bakersfield for that city's Greater Chamber of Commerce. While there, the Windles will receive their room and meals at the Bakersfield Inn.

Bakersfield merchants who participate in the monthly "Bluejacket" program will present the NAF sailor with free merchandise certificates and discount coupons.



Prior to leaving the local area, AO2 Windle will receive the keys to a new Ford automobile to use on the trip from Doug Butler, owner of Desert Motors in Ridgecrest. AO2 Windle is a native of Abilene, Tex., but grew up in the San Diego area where he was graduated from Crawford High School. For one semester he attended San Diego Mesa Junior College before joining the Navy in April 1968.

Following his boot training in San Diego, he was sent to Aircraft Ordnance "A" School in Jacksonville, Fla. His first Navy assignment was at the Naval Air Station in Miramar. He then spent 15 months aboard the aircraft carrier USS Midway and made a cruise to Southeast Asia while on that ship. AO2 Windle's ability to communicate with

both senior and junior military personnel in the performance of his duties was cited as one of the principal reasons for his nomination as "Bluejacket of the Month" by A01 J. A. Waits, the NAF Armorer.

"He possesses a high degree of leadership and has a penchant for doing his work in a correct and precise manner," the recommendation continued. "AO2 Windle takes great pride in his work and ensures that a maximum amount of training is achieved in his required duties," Waits added.

The recommendation also pointed out that the April Bluejacket is completely trustworthy and always presents a neat military appearance.

AO2 Windle takes such great pride in the performance of his duties that he recently applied for reassignment to the Explosive Ordnance Disposal School at Indian Head, Md. He has been accepted and will report for training in September.

Realizing that the physical training required for this program is extensive, he has been jogging three times a week for a distance of approximately 3 miles each day. "I don't want to flunk out because of my physical condition," he emphasized.

AO2 Windle met his wife while in high school in San Diego. The couple has two children. They are Barbara, 6, a first grader at Pierce Elementary School, and Sandra, (Continued on Page 3)

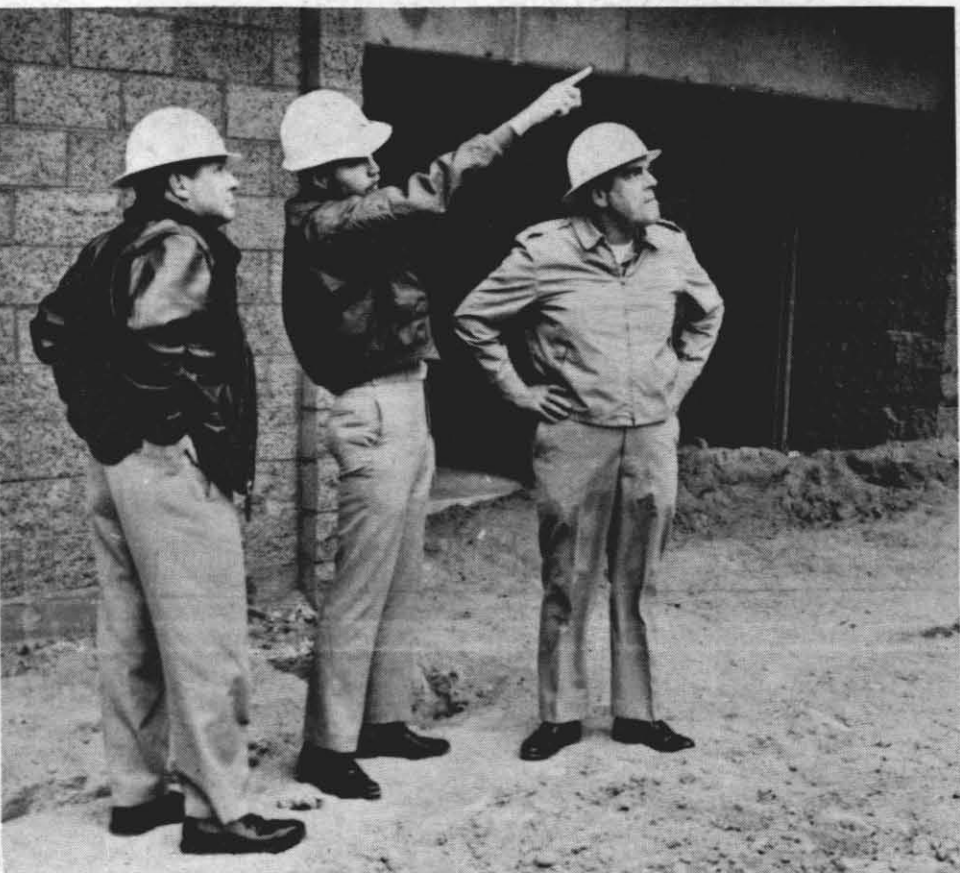
Recreation Council Members To Discuss Hobby Shop Complex

Discussions about the hours of operation of the Special Services Branch hobby shop complex and the feasibility of adding to the Center's handball court facility will highlight the next monthly meeting of the Joint Navy-Civilian Recreation Council.

The meeting is scheduled next Thursday, April 10, starting at 8:30 a.m., in the Joshua Rm. of the Community Center.

John Shoaf, head of Special Services, will present information on the preferred hours of operation at the various hobby shops, based on a survey that has been conducted among the users of these facilities.

It is his view, Cdr. R. B. Nygaard, chairman of the Recreation Council, said, that the various hobby shops should be open principally during non-work hours (including weekends), in order to enable the maximum use possible of these facilities. Shoaf also will discuss building plans that are being drawn up at his request by Public Works Department personnel for adding to the present handball court with a structure that would not only provide another handball court, but also would enclose a larger weight training room.



BACHELOR ENLISTED QUARTERS INSPECTED — Rear Admiral R. G. Freeman III (at right) NWC Commander, and Capt. R. D. Franke, Deputy Commander, last week were brought up to date on the progress of construction on the new Bachelor Enlisted Quarters at China Lake by Ltjg. Donald G. Morris (center), who heads the Public Works Department's Contract Division. This major construction job (it's a \$2.8 million contract) is approximately 45 per cent complete, and is scheduled for occupancy on Nov. 1, 1975, Ltjg. Morris reported. Three two-story, quadrangle-shaped complexes are in various stages of construction that is being handled by workmen and sub-contractors for the Cardan Co. of Los Angeles. BEQ No. 1, where workmen are starting to set the metal studs for the interior partitions, is the nearest to completion at this time. At BEQ No. 3, the masonry work has been finished and the next major step will be the installation of the pre-stressed concrete roof planks. The planks will be set in place simultaneously at BEQ Nos. 2 and 3 before the final roof deck goes on. Two "core units" placed side by side make up the individual wings of each floor of the BEQs, and each such "core unit" consists of the lounge that is surrounded by four bedrooms and four baths. When all work is completed, the new BEQ complex will provide housing for 406 men. —Photo by Maurice Dias

Housing Matters Top Agenda At Next Community Council Meeting

Matters pertaining to Naval Weapons Center housing will occupy the attention of members of the China Lake Community Council's board of directors at their next meeting on Tuesday evening. The meeting, which is open to all interested persons, will get under way at 7:30 p.m. in Panamint Hall at the Community Center. On the agenda will be a report from Cal Fallgatter, head of the Public Works Housing Division, who will discuss NWC's rent-setting procedures and explain the reasons behind the most recent rent increase that went into effect on Feb. 1, 1975. In addition, the head of NWC's Housing Division will outline how future rent in-

creases will be determined, based on requirements laid down by the Federal Office of Management and Budget. Dick Mahan, head of the Community Council's newly-appointed Housing Committee, will bring Council members up to date on the types of questions and suggestions that he and his fellow committee members have been receiving following announcement of the plan that has been proposed to declare nearly 900 housing units excess to the Center's needs. Feedback from interested China Lake residents has ranged from suggestions on how to dispose of the excess housing to questions relating to the eligibility (Continued on Page 3)





PLANNING UNDER WAY — Planning of the programs for the 1975 Sierra Sands Unified School District PTA's "Fractured Follies" got under way recently. Shown above are four of the Follies committee members looking over Valerie Palmore's art work. They are (l.-r.) Johnny Woolam, publicity director; Donna Baker, costume designer; Mary Kubin, who will be in charge of properties, and Ethyl Wiggins, wardrobe mistress. The Follies will be presented on May 9 and 10 at the Burroughs High School Lecture Center. Actors and actresses in the production will be local residents chosen through auditions that are scheduled on April 22 at The Hideaway. Also on that night, the director from Cargill Productions, of New York City, will be introduced. General chairman for the show is Peggie Westfield.

### International Children's Festival Planned On April 11 at Burroughs Lecture Center

Boys and girls through high school age will take to the hardwood next Friday, April 11, at the Burroughs High School Lecture Center to sing, dance and showcase the costumes of countries around the world during the International Children's Festival.

This event is being co-sponsored by the Human Relations Committee of the Desert Area Teachers' Association, the NAACP's Education Committee, the American Association of University Women, and the United Nations Club of Burroughs.

The show, now in rehearsal, will include folk dancing, vocals, ballet numbers and a fashion parade — with the performers dressed in various folk costumes. It will begin at 7 p.m. and the admission is \$2 for adults and \$1 for children through high school.

The sponsors are staging the festival to promote better understanding of the ethnic

and folkloric backgrounds of people of other nations.

During the festival, the AAUW will offer for sale breads and other delicacies, baked according to the recipes of other countries.

All proceeds from the festival will go to the Martin Luther King, Jr., Scholarship fund for distribution to students working at the graduate level.

### Baton Class To Be Offered

All persons interested in signing up for a baton class have until 5 p.m. Monday to register at the Youth Center.

The class will be for girls in grades six, seven and eight and will begin on April 14 and end May 2.

It will be open to dependents of military or civilian personnel at NWC, regardless of their place of residence.

All students must furnish their own baton. The registration fee for the 20 hours of instruction is \$5.

### 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 454 or 457). Advertising positions in the Promotional Opportunities column does not preclude the use of alternate recruiting sources in filling these positions. As part of the rating process, a supervisory appraisal will be sent to the current supervisor and the most recent previous supervisor of the applicant's rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-118, while those for all WG, WL and WS positions are defined in CSC Handbook X-118C.



REPORTS TO VX-5 — LCDr. Don Erskine, who is now the reports management officer for Air Test and Evaluation Squadron Five (VX-5), was transferred here recently from NAS, Whidbey Island, Wash., where he had served for the past four years. A veteran of 11 years in the Navy, LCDr. Erskine entered the military service via the Aviation Officer Candidate Program following his graduation in 1963 from Patterson State College in New Jersey. After receiving his commission as an ensign in 1964, he began his flight training and received his "wings of gold" in December of that year. As a naval aviator he served initially with a carrier airborne early warning squadron (VAW 33) at NAS, Quonset Pt., R.I., and also with VAW 13 at NAS, Alameda, Calif. His first overseas assignment was a 3-year tour as an intelligence analyst on the staff of the Chief, National Security Agency, Pacific, at Hickam Air Force Base in Hawaii. He left there to join a transition squadron before being assigned to Tactical Electronic Warfare Squadron (VAQ 133) at Whidbey Island, Wash. LCDr. Erskine was accompanied to China Lake by his wife, Karen, and their two children, Thomas, age 6, and Kathryn, who is 2 years old.

Mechanical Engineer, GS-830-11/12, PD No. 755920, Code 5562 — Position is located in the Air and Surface Launched Weapons Branch. Responsibilities include mechanical design, production and configuration management. Incident provides design improvements, determines design requirements, requires tests for analysis of results, makes technical decisions on contractor selection and performance. He is responsible for surveillance of data package describing system components and technical correctness. Job Relevant Criteria: Experience in the design, development and documentation of guided missile warheads and initiation systems. Knowledge of various test and analytical methods available for performance assessments and mechanical interface. Working knowledge of DCAS and Navy operations and procurement.

Clerk (Typing) Part-time, GS-301-4, PD No. 755921, Code 5562 — Position provides clerical and typing support to the numerical control machine programmers, branch heads, and division office in the conduct of division work. Duties include general office work and the preparation of punched cards for computer input. Incumbent will begin with 20 hr. per week, but may be pay adjusted upward in the future. Job Relevant Criteria: Ability to meet deadline under pressure. Ability to work rapidly and accurately. Familiarity with scientific and engineering terms. Familiarity with Navy correspondence format. Telephone answering skills. Training and experience in key-punching operations. Previous applicants must refile if interested in this position.

Electroplater, WG-3711-9, JD No. 186, Code 5584 — This position is located in the Engineering Prototype Division, Materials Branch. Using electrolytic, immersion, and electroforming methods, coats metal and plastic objects with chrome, nickel, cadmium, silver, gold, anodizing, and aluminum coloring. Prepares objects and makes appropriate fixtures. Job Relevant Criteria: Applicants must have had at least four years experience cleaning metal objects by immersion in a succession of cleaning baths and covering these objects electrolytically with a coating of copper, nickel, or other metal, and including buffing and polishing.

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

Boiler Plant Operator, Foreman, WS-5402-09, Code 70 — Incumbent is responsible for boiler plants and boiler units. He plans the sequence of operations and work steps of employees supervised. Interprets blueprints and instructions as required, prepares layouts and sketches. Requisitions tools, materials and equipment needed. Plans division of work load among employees. Assigns work to employees. In order to make these determinations, he must be familiar with the theory, practices, techniques, and work methods of the trades supervised, including the ability to read and interpret instructions to others, blueprints, specifications, manuals and technical directives. Qualifying trades: Boiler Plant Operator and Instrument Mechanic. Job Relevant Criteria: Ability to supervise technical practices. Ability to interpret instructions, specifications, etc. Knowledge of materials. Knowledge of pertinent tools and equipment. File SF 172 and Supplemental Wage Grade Supervisory Information Sheet with the special examiner to be post marked not later than April 21, 1975. Forms may be obtained in the Personnel Bldg., Rm. 100, China Lake, CA.

File applications for the above with Betty Geiser, Bldg. 34, Rm. 102, Ph. 2657.

Supervisory Contract Administrator, GS-1102-12, PD No. 752905, Code 2523 — This position is that of head, Contract Services Branch, in the Procurement Division of the Supply Department. The branch function of contract administration entails contract terminations, changes of scope and extensions, settling contract disputes, etc. As branch head, the incumbent provides technical and administrative direction to branch members. The incumbent also provides contract advisory service to NWC management, visits contractor facilities to establish contract document flow, and organizes the broad work phase of the Center's contract administration procedures. Job Relevant Criteria: Ability to provide first line supervision to administrative personnel. Demonstrated ability to deal effectively with contractor personnel as well as NWC management and technical personnel. Demonstrated knowledge of government procurement and contractual regulations. Extensive experience in the planning and administration of government contracts.

Management Analyst, GS-343-7 or 9, PD No. 7325011, Code 2512 — This position is in the Planning and Administrative Division of the Supply Department. The basic function of this branch is to provide Supply management with analyses of logistics support effectiveness and of the operational efficiency of Supply functions. To further this goal the incumbent conducts management analysis including organization structure, functions of interrelated components, procedural and processing methods, effectiveness of supervision, etc. Will also be involved with Supply Department instructions and budget submissions. Job Relevant Criteria: Demonstrated ability to evaluate and solve procedural problems through analytical

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(Continued on Page 7)

### The Rocketeer

Official Weekly Publication  
Naval Weapons Center  
China Lake, California

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DEADLINES:  
Tuesday, 4:30 p.m.  
Tuesday, 11:30 a.m.

3354, 3355, 2347  
Sunday

### 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 fulfillis full obligation	
Sunday	0700, 0830, 1130	
BLESSSED SACRAMENT CHAPEL MASS		
Daily except Saturday		1135
CONFESSIONS		
Saturday	1545 to 1645	
Sunday	0800 to 0925	
RELIGIOUS EDUCATION CLASSES		
Sunday	Kindergarten thru 6th grades	1015
	Pre-school	1130
Wednesday	First thru sixth seventh & eighth (Junior High)	1900

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

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

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



ORGANIZER — Inventiveness paid off to the tune of \$100 for AT2 Donald U. Dukes of Air Test and Evaluation Squadron Five recently when his Beneficial Suggestion for a quick inventory tool box was reviewed. AT2 Dukes lined the drawers of his shop's tool boxes with foam rubber and outlined each tool. When the drawers were finished, it was possible to tell at a glance if a tool was missing. When he began working on this project, the Aviation Electronics Shop had a total inventory of 400 tools. After selecting only the tools that were actually required for the shop's maintenance requirements, the total tool count dropped to 130 separate items.

### Authority on Fossil Man To Speak At Maturango Museum-Sponsored Program

Monday night, Dr. Michael H. Day, internationally-known authority on fossil man, will present the next lecture in the Maturango Museum's current series of programs.

The talk, which will be illustrated with color film slides, will begin at 7:30 at the Burroughs High School Lecture Center.

### Opportunities . . .

(Continued from Page 2)

techniques. Demonstrated ability to effectively communicate ideas both orally and in writing. File applications for the above with June Adams, Bldg. 34, Rm. 212, Ph. 2371.

### Job Opportunity

Recreation Aid, PS-0184-4 (2.61 per hour). This is not a Civil Service Job. The position is located in Center Bowling Alley, Special Services Branch, Administrative Services Division, Office of Finance and Management. Incumbent serves as night manager of the bowling center. Assigns lanes to customers, takes payment for rental shoes and bowling fees, sells bowling accessories, makes minor repairs on stoppage of pinspotter, and maintains records of daily operations. File applications for the above with Elizabeth Sodergren, Bldg. 34, Rm. 296, Ph. 2474.

Tickets are priced at \$2 for non-members of the Museum and \$1 for members. They can be purchased at the Gift Mart in Ridgecrest, the Station Pharmacy, or at the Maturango Museum.

In addition, the ducats can be obtained from the following persons: Carrol Evans, Carol Panlaqui, Lorraine McClung, A. S. Gould, Al Christman, Janet Westbrook, H. L. Neeley, Ken Robinson and Bruce Wertenberger.

Dr. Day, who is currently on a tour of the United States, has worked with Dr. L. B. Leakey and his wife, Mary, for more than 15 years in a search for man's origins. His talk, entitled "Human Evolution — the Latest Fossil Evidence," is an outgrowth of that time and study. He is presently continuing his work with the Leakey's son, Richard.

He will report to the audience on recent finds and developments in the field of fossil man since Dr. Leakey, now deceased, lectured here in 1971.

### Employee In The Spotlight



Willodine Randolph

Before she was eight years old, Willodine Randolph, now head of staff for the Technical Information Department, had lived in many different communities and environments.

Her father was an electrician and coal miner and traveled wherever his work took him. Willodine was born in Altoona, Ala., and lived in various parts of Alabama and also in Illinois, Miami and West Palm Beach, Fla. She got her first glimpse of California when she was a junior in high school. Her father had followed the construction work to Downey. After returning to Alabama, Willodine was graduated from Walker County High School in Jasper and then married her high school sweetheart, Jim Randolph.

The couple moved to Jackson, Miss., where Jim worked the next three years for the Jackson City Lines, a transportation company. The Randolphs then came back to Downey where Willodine's father was again working. Her husband went to work for the Goodrich Rubber Co. to aid in the war effort (World War II was in full swing at the time) and Willodine settled down to raise her family. Her first son, Jim, Jr., had been born in Jackson and twin sons — Rex and Roy — were born in Downey.

At China Lake Since '47  
In 1947, Jim came to China Lake to join the Public Works Department's Transportation Division as an automobile mechanic. He retired this past March 31 as a foreman.

Willodine began her Federal service career in 1953 as a math aid in the old Test Department's Assessment Division. "I started as a math aid because that was the only position open that didn't require experience or any typing skill," she recalled.

Knowing what she had to do if she was going to get ahead in her new career, Willodine began planned program of study at the Desert Campus of Bakersfield College in the evenings. She took courses for many years and increased her knowledge to the point where she could almost qualify as a mathematician.

However, another field of work beckoned. After three years of employment, Willodine took the Federal Service Entrance Exam and passed. The Test Department opened up an opportunity at that time for math aides to take a computer programmer course — which was the equivalent of the present management intern program — and Willodine completed the course and qualified as a computer programmer.

She filled that job for the next three years,

working part of the time on the MOREY program in Code 406, under Jim Bowen. In 1962, Dr. Peggy Rogers was selected to head the new Air Launched Conventional Weapons Division, and Willodine, who had been handling some of the administrative functions in Code 406, was recommended to Dr. Rogers as a possible administrative officer for her new division. Willodine got the job.

In 1970, she accepted a position as assistant to Bernie Connelly, who was head of staff for Code 40, and joined TID as head of staff the following year.

"I feel that administrative assistants should always assume as many responsibilities and duties as they can handle in order to relieve the administrator for the more technical work he must perform," Willodine said, revealing one of her secrets of success in her chosen field of endeavor.

At the Center, Willodine has served on the Technical Administrative Panel and the Department Staff Assistants' Council. She was chairman of both groups — the first in 1972 and the latter in 1973. In addition, she is a member of the TID Council.

Her work has been recognized in the past by two Outstanding ratings, a Superior Achievement award, and three Quality Step Increases.

Active in Church Work  
Willodine has been a member of the Church of the Nazarene in Ridgecrest for the past 27 years. During all of that time she has served on the Official Church Board, and she's put in another four years as the Young People's President at the church. In addition, she has been a Sunday School teacher and served as superintendent of the school for four years. Willodine has also been a member of two building committees — the first in 1965 when the new facility was erected, and the second time when an addition that was dedicated in March of this year was proposed for construction.

She has served the church as secretary for a number of years and was a member of the church choir for 20 years.

She also is a member of the board of directors for the Ridgecrest Day Nursery School, operated by her church.

"My pastimes are divided between the church, reading, gardening and my grandchildren," Willodine said. She has five grandchildren. Son Jim, who is a lieutenant and head of the Inyo County Sheriff's Department's investigative section, has two daughters, and son Roy has two sons and a daughter. Roy is the logistics manager for the AIM-9L program. Rex, who is unmarried, is a weapons effectiveness analyst for the Aircraft Systems Department.

Jim, Sr., enjoys gardening with Willodine and hunting and fishing. The couple also travel back to Alabama each year to visit with relatives.

—Photo by Tom Carter



ROOM FULL OF INVENTORS — C. P. Smith, head of the Systems Development Department, had the happy task of handing out patent certificates to seven of his employees recently during a recent Code 51 awards ceremony. The inventors are (l.-r.): Werner Heuber, Ed Teppo, William Woodworth, Edward Davis, Albert Rentz, Keith Gardner, and Criley Orton. Teppo's patent was for a tunable, narrow spectral bandwidth, electroabsorptive device, which could be turned off or on as desired. Woodworth invented a TV camera that has guided missile application. Davis' patent, called a Bomblet Fuze, is an anti-personnel bomb about the size of a tennis ball which provides a means of arming a fuze inside a bomblet, dispensed by remote

means. Rentz received a patent award for a device to modify the descent rate of a balloon. Gardner's invention, called "Lateral Photo Detectors," was a method for improving linearity of lateral photo detectors, and Orton came up with a patent on a device that provides a method of detecting edges of objects in a TV type picture, then generating the angle of that edge for use in analyzing the scene content. Heuber's invention was titled "Bi-Adaptive Scan Digital Universal Sensor Target Tracker." Heuber shared his patent with Barry S. Todd, and Teppo's patent is shared with Nicholas Botka and Victor Rehn. Kenneth LaBow aided Gardner in developing their invention, and Richard Bahler helped Orton with his device.



# Wilt's Corner

By Wilt Wyman

Six male and six female bowlers will leave today for Nellis Air Force Base in Nevada to participate in the annual Mojave Desert Inter-Service League tournament, which begins tomorrow.

Team members are Thad Brightwell, Art Karrer, Jim Wright, Dave Homley, Dick Reymore, John Schmitz, Doris Boyack, Sue Haack, Wilma Johnson, Sue Ernde, Pat Brightwell and Jeanne Homley.

Good luck team — come home No. 1.

## Springtime Golf Tourney

I have recently received information about the 11th Naval District's "Spring-time" Invitational Golf Tournament. The medal play competition will be held on April 23 at the Navy golf course, Mission Gorge, San Diego. Entries will be limited to the first 200 applicants.

A fee of \$2.50 must accompany each entry and applications must be received no later than Friday, April 11.

Interested persons should contact me at NWC ext. 2334, or call Lt. Ian Refo, at ext. 5462.

The 11th Naval District also recently announced a table tennis tournament for men and women to be held April 28 through May 2 at the Naval Station, San Diego.

In addition, the 11thND invitational swimming and diving championships are slated on April 17 and 18 at the same location.

More complete information regarding these two tournaments is available at the gymnasium office.

## Doing It the Hard Way

The team of Phill Fossum and Ian Refo won the "doubles only" racketball tournament that concluded earlier this week. The deadly duo defeated Claude Brown and Harlan Reep in the final match, 21-16, 21-16.

Fossum and Refo won the tourney the hard way. They defaulted their first match and came back through the loser's bracket to win.

## Softball Meeting Planned

The meetings of representatives of teams entered in the China Lake Intramural Softball League will get under way at 5 p.m. Monday in the Joshua Rm. of the Community Center with a get-together of the Women's League's team captains and players.

On Tuesday, slow pitch team members will gather at the same time and on Wednesday, the Recreation League is set to meet. Fast Pitch players are scheduled on Thursday — same time, same place.



**PISTOL MATCH WINNERS** — Members of the Air Test and Evaluation Squadron Five pistol team presented a plaque to Capt. E. M. Crow, VX-5 Commanding Officer, representing their victory over the pistol team from NAF in a recent match. Shown handing the plaque to Capt. Crow is AT2 Dick Miles, team captain. Miles was the top individual scorer. Others in the photo are (kneeling, l.-r.): AQ2 Mike Tallent and Lt. Dave Lung, while standing at left is Cdr. William Smith, the VX-5 executive officer, who was runner-up to Miles. A. J. Norrick, of NAF, (not present for photo) placed third. Miles also was presented with the National Rifle Association's expert award following the match, which was approved by the NRA. This event, held at the Sierra Desert Gun Club range, was handicapped by winds ranging up to 40 knots per hour. —Photo by PH2 Terry Miles

## Sign-ups for Various Classes At Youth Center Under Way

Registration is currently being held at the NWC Youth Center for classes in archery, judo, wrestling and boxing. Persons interested in signing up for these courses have until Saturday, April 12, to register.

The archery instruction is a nine-month course that will begin on April 17. It will be taught by Gordon Oland, who prefers that students be no younger than seventh graders.

The classes will be conducted on Thursdays from 6 to 8 p.m. There is a fee of \$2.50 for this instruction, plus 50 cents each week for shooting on the archery range.

The judo and wrestling classes will be held on Monday and Wednesday evenings at the youth gym. Boxing will be conducted on

Thursdays. The classes are scheduled to start early in April.

The fee for judo instruction is \$10 per year, while wrestling, when combined with the judo classes, will cost an additional \$5. By itself, the wrestling fee is \$10.

The cost of signing up for boxing has been set at \$10 for three months of instruction.

All of the above courses are open to all dependents of military or civilian personnel who work at the Center, regardless of where they live.

## STANDINGS IN VOLLEYBALL LEAGUE

Following are the standings in the China Lake Intramural Volleyball League, as of Tuesday, April 1.

Women's Division		
Team	Points	Won
Court Clowns	6	6
Court Blanche	6	6
Ms. Takes	5	5
Undecideds	5	3

Open Division		
Branch One		
Team	Points	Won
Bouncers	6	6
No Ops	3	3
Dingbats	2	2
Sudsuckers	1	1
Netwits	0	0
Brewers	0	0

Branch Two		
Team	Points	Won
UCLA Desert	6	6
Duck Soup	2	2
Shooters	2	2
Spenders	2	2
Kyoties	2	2
Nets	1	1

Department Division		
Branch One		
Team	Points	Won
50 Blandly Bloomers	5	5
Code 12	3	3
Snorts	3	3
Huff 'n Puff	3	3
Nets	1	1
Code 7031	1	1
NAF Ordnance	0	0

Branch Two		
Team	Points	Won
Code 18	7	7
Ektalons	7	7
VX-5 Vampires	4	4
T&E Rangers	2	2
Mamas & Papas	1	1
F/ F 8421	1	1
Natl' Assoc. of Letter Carriers	0	0



It had to be. There couldn't have been any other ending to the 40-year coaching career of John Wooden.

The UCLA basketball wizard called a halt to 27 years as the head mentor at Westwood with his 10th national title in the past 12 years, and it is only fitting.

The Bruins — 92 to 85 victors over a larger, more physical Kentucky team — sent Johnny off in style. Each man on the team played one of his finest games of the season. The Uclans had to. Kevin Grevey scored 34 points and kept the Wildcats in the game the entire evening. However, he got into foul trouble late in the game when a rested Marques Johnson put the pressure on with his dazzling speed.

The aggressive Kentucky defense had Bruins sprawling all over the arena at times and seemed to force every issue, but Wooden's well-coached squad kept its cool and maintained its poise, born and bred from previous teams that had brought nine national championships home to roost at Pauley Pavilion.

Wooden went with his basic six-man team: Johnson, Richard Washington, who tallied 28 points; All-American Dave Meyers (24 pts.), Ralph Drollinger, Andre McCarter and Pete Trgovich.

Trgovich is underrated. Trgovich, perhaps the most underrated guard in the business, looked very bad at times when some of his wild shots missed backboard, net and all, but he looked extremely good on defense when he forced the Wildcats into bad passes and kept them away from the shots under the basket.

In the final analysis, it was the ability to play well under pressure by the Bruins that won them the title. And that came from Wooden.

The man who steps into Wooden's shoes at UCLA will inherit a championship team. All of the players will be back with the exception of Meyers and Trgovich. Washington and Johnson are only sophomores, Drollinger and McCarter are juniors.

Wooden One of a Kind. However, it is my opinion that no other coach could have taken this year's team to the NCAA finals. Compared to UCLA cagers of the past, 1975's representatives are only great. Washington and Johnson may have the "super-great" adjective pinned to them in the next couple of years, but that's speculative. The next man at the helm may find Wooden's shoes so large he could drown in them.

I knew that the successor wouldn't be a famous ex-Wooden assistant. They're too smart to try and take over where the wizard left off.

Gene Bartow, head coach at the University of Illinois, was selected Wednesday.

## Women Keglers Sought

The Koffee Klutcher summer bowling league is now being formed. This league will bowl on Tuesday mornings at 9 at Hall Memorial Lanes, beginning on April 22.

## Cancellation Of '75 Wildflower Fete Announced

Below-normal rainfall during early winter has led to the decision that was announced this week by Mrs. Dottie Freeman, general chairman of the 1975 WACOM Wildflower Show, to cancel this year's event.

The 1975 show, which had been scheduled on the weekend of April 26-27 at the Community Center, regrettably was called off after WACOM's Wildflower Show Committee listened to a report from Tilly Barling, NWC's Natural Resources Specialist, who recommended that the popular spring event not be held this year.

According to Mrs. Barling, scouting trips made recently to key locations in the lower elevations of Indian Wells Valley and the Searles Basin "have been disappointing, and the outlook for low elevation desert wildflowers is dismal."

## Rainfall Below Average

She attributed this year's poor production of desert annuals to the lack of rain during the early winter. Based on figures supplied by the Naval Air Facility's Weather Service Office, the amount of rainfall this year is about half the average norm for this area, Mrs. Barling added.

Both Mrs. Barling and Dr. Kristine Berry, a biologist for the U.S. Bureau of Land Management, "have been studying the prospects for wildflowers, and it was their collective decision this past weekend that in view of the lack of rainfall it would be best to cancel the Wildflower Festival, as was done in 1972 for the same reason.

"The annual plants are exceedingly stunted and many are already seeding. Our recommendation (referring to her own surveys and those made by Dr. Berry) is that a few desert annuals produced this year be saved to serve as food for wildlife dependent on them, and for re-seeding for another year," Mrs. Barling stated.

## Flowers Expected Later

There is some consolation in the fact, however, that the storms that have occurred during March in the middle and upper elevations of the eastern Sierras and desert mountains may bring flower displays in those areas in late spring or early summer, in contrast to the scarcity of flowers to be found now on the floor of the desert.

These flowers will be blooming too late for what would have been WACOM's 28th Wildflower Festival on the final weekend of this month.

While the wildflower show will not be held, the Maturango Museum will arrange for tours of the petroglyphs in the NWC range area on April 26 and 27. Those interested can obtain additional information by writing to the Maturango Museum, Naval Weapons Center, China Lake, Calif. 93555.

## Work of Asphalt Paving, Patching Being Continued

Asphalt paving and patching operations in various areas of the Naval Weapons Center are continuing to be carried out with a minimum of problems and inconvenience, thanks to the cooperation of all concerned.

That's the report this week from Walt Hagen, of the Public Works Department's Contract Division, who is serving as the contact between Center employees and the Crown Asphalt Co. of San Dimas, Calif., whose workmen are involved in this \$269,000 contract.

"One thing to remember," Hagen added, "is that while any inconveniences are temporary, the benefits are permanent."

In the latter category will be work at the NWC main gate over the weekend of April 12 and 13, which will make it necessary for traffic to be detoured temporarily.

More specific information on this will be provided in the April 11 issue of The ROCKETEER.



**4 DECADES OF SERVICE** — Harry M. Greenum, a detective in the Security Department's Police Division, last Friday received a 40-year Federal service pin that was presented by Rear Admiral R. G. Freeman III, NWC Commander. Greenum's 40 years of service began in 1933 with his enlistment in the U.S. Army. Following six years in the Army, there was a lull in his Federal service until 1941 when he became an employee of the Ogden Arsenal in Utah. He remained there until 1944 when he once again joined the Army — serving in Europe until 1946 when he returned to work at the Ogden Arsenal. Transferred to China Lake in 1948, Greenum went to work in the Security Division of the Command Administration Department as a fingerprint analyst, and has remained here ever since. In 1970, he was promoted to the position of security assistant and last year moved up to his present position of detective. During his lengthy Federal service career, Greenum has received numerous letters of appreciation and commendation. In attendance at the 40-year award pin presentation, in addition to RADM. Freeman, were Capt. R. D. Franke, Deputy Commander; W. E. Davis, NWC's Director of Security, and C. A. L. Mitchell, assistant chief of police.

## Cornerstone Laying Ceremony Set At County Bldg. in Ridgecrest

Burton Meyer, Jr., Grand Master of Masons in California and Hawaii, will travel here today from Los Angeles to officiate during a cornerstone laying ceremony at the Kern County Northeastern Regional Center Administration Building, 400 N. China Lake Blvd., Ridgecrest.

Meyer will be joined by members of the Masonic Order's Grand Lodge in conducting this symbolic ceremony that goes back to ancient times.

Master of ceremonies for this event, which is expected to draw Master Masons from Boron, Kernville, Mojave and Trona, in addition to those from the Indian Wells Valley, will be James O. Fourr, of Boron, who is inspector of the 502nd Masonic District.

The program for the cornerstone ceremony has been arranged by George W. Gregory, junior past master of the IWV Masonic Lodge.

A luncheon for the visitors and other honored guests will be held at 12:30 p.m. at the IWV Masonic Lodge, 625 N. Norma St., Ridgecrest, prior to the cornerstone ceremony, which is scheduled to get under way at 2 o'clock.

The Naval Weapons Center will be represented at this event by Rear Admiral R. G. Freeman III, the Center Commander. Other honored guests, in addition to the Masonic Lodge hierarchy, will include Dr. Rex Shacklett, mayor of Ridgecrest, and members of the Ridgecrest City Council; a representative of Kern County, and Gene Richardson, field representative for Leroy Jackson, 1st District Supervisor.

## Bluejacket...

(Continued from Page 1) 11 months, who was born at the NWC Dispensary.

The April Bluejacket enjoys hunting, fishing and participating in athletics. This past season he played football for the NAF Hawks and is currently a member of the NAF Ordnance Division volleyball team that is competing in the NWC Intramural Volleyball League.

## Marijuana Odor Is Ruled Sufficient Cause for Arrest

The odor of marijuana is probable cause for arrest — that's the gist of a recent California State Supreme Court decision which Cdr. M. J. Cowell, Jr., the Center's Staff Judge Advocate, reported this week to The ROCKETEER.

The State Supreme Court has held that the odor of marijuana detected emanating from a vehicle, stopped for a traffic violation, constitutes probable cause for arrest of the vehicle's occupants as well as a search of the vehicle itself.

In a case in which this ruling was handed down on March 4, 1975, the defendant's vehicle was stopped for speeding. One of the occupants of the car left the vehicle to speak with the police officer, who detected the odor of marijuana as the individual talked to him.

Upon the officer's request, the passenger-side window on the vehicle was rolled down and the officer detected the strong odor of fresh marijuana coming from inside the automobile. The arrest of the vehicle's occupants then followed a search of both the inside and trunk of the vehicle.

The California Supreme Court followed the rationale that the testimony of a trained police officer that he smelled marijuana would be sufficient grounds for the issuance of a search warrant. In this instance, because the speeding car was stopped between 3 and 4 a.m. in a remote location, it was ruled that the circumstances were such to justify the immediate search and seizure which occurred.

## Council To Meet . . .

(Continued from Page 1)

civilian employees to retain quarters they now occupy in the Capehart A housing area. Special guests at Tuesday night's Community Council meeting will be the six candidates for the title of 1975 queen of the Desert Empire Rodeo, which is scheduled May 3 and 4 at the fairgrounds in Ridgecrest.

Those vying for the rodeo queen crown are Carolyn Bracken, Jerri Butler, Jennifer Lee, Debbie Meggers, Ann Mettenburg and Sue Porter. They will be accompanied to the Council meeting by Karen Boss, the reigning rodeo queen who won the title in 1974.



**TREES PROTECTED AGAINST INSECT DAMAGE** — Small bottles (see inset photo) containing a chemical solution that is effective in the control of elm leaf beetles were hung this week on various kinds of trees throughout the Naval Weapons Center's housing area. Pointed metal tubes extending from the bottles permit the liquid insecticide to be injected beneath the bark of each tree. Each bottle will be left in place from 1 to 6 hrs. while the fluid flows into the tree. According to Jim Upson (in center), head of the Maintenance Service Branch in the Public Works Department's Maintenance Control Division, it is imperative that the pest control devices be left untouched by China Lake residents. Shown with Upson are Vern Bradshaw (at left) and Frank McElfish, who are employed as quality inspection specialists for grounds care and pest control, respectively.



## Plans Now Being Made for '75 Scout-o-Rama at Schoeffel Field

Plans for the annual Scout-o-Rama, held each year on Armed Forces Day, are currently being made by Boy Scouts and Cub Scouts in the local area.

On May 17, Schoeffel Field will become a "Scout city" in which various troops and packs will hold demonstrations and present exhibits that depict a variety of Scouting skills and achievements.

"A Scout-o-Rama is an opportunity for all of us to demonstrate to the general public that Scouting is a great training ground for the youth of America," said Norm Weisman, Desert District Scout Executive for the Southern Sierra Council.

More than 250 Cubs, Scouts and Explorers will participate in the Scout-o-Rama. Admission will be \$1 for adults and all children under the age of 12 will be admitted free when accompanied by an adult.

Some of the activities planned will include

### Make Sure Income Tax Reports Have Sufficient Postage

The U.S. Postal Service announced recently that all mail that is sent off without postage will be returned to sender. In the event that there is no return address, however, it will end up in the dead letter office.

This is a particularly important matter at this time of the year, when many persons are preparing their state and federal income tax reports.

If a tax return is mailed with insufficient postage, it will be returned to the sender.

When a tax return is returned to sender, it is the postmark on the second mailing that will determine whether it is delinquent and thus subject to penalties and interest. Many states, as well as the federal government, will use the later postmark.

Should a tax return form end up in the dead letter office, the penalties and interest will really accrue.

To avoid any such problems, taxpayers are advised to: (1) mail their returns on time — the deadline is April 15; (2) have sufficient postage, and (3) put the complete return address on the outside envelope.



PHONE CO. PRESIDENT VISITS NWC — Jack McGuire, president of Continental Telephone Co., was welcomed by Rear Admiral R. G. Freeman III, NWC Commander, when the phone company official arrived here with some of his top personnel for an orientation and tour. Since the government is now leasing the operation and maintenance of the Center's official telephone system to Continental Telephone, the visitors were shown around to acquaint them with the type of work that is carried out here. McGuire was accompanied by Robert C. Abrams, vice-president of Continental's Western Region; Richard D. Crowe, vice-president of business relations; Dick Mathews, director of information for Continental's Western Region; and Bob McGill, manager of Continental Telephone's office in Ridgecrest. Improved telephone communication between the Center's main business area and Randsburg Wash has been one of the first notable improvements to the Center's phone system since the transition to operations under the control of Continental Telephone. —Photo by Ron Allen

Cub Scout pinewood derby races and displays of cooking, desert survival, first aid, axemanship and rope making. In addition, a model campsite will be set up.

Cub Packs that have already signed up to participate are 291, 341, 802, 803, and 835. Troops that will take part in the event are 3, 35, 41, 291, 411, 413, 414, 690, 800, 802, 808 and 848.

At 7 p.m. on May 17, a campfire program and an Eagle Scout Court of Honor will be held at Schoeffel Field. The campfire program will include skits, songs and storytelling.

### Fund-Raiser Set To Aid Activity Center For the Handicapped

A drive to raise funds for the Activity Center for the Handicapped, at 101 Dorado St. in Desert Park, is currently being conducted by Alpha Alpha Psi chapter of Beta Sigma Phi.

Members of the social and service sorority will be at the Community National Bank and Bank of America in Ridgecrest, and at the NWC Federal Credit Union today from 11 a.m. to 3 p.m., and again during the same hours on Friday, April 18.

A \$1 donation is being asked from contributors. Grand prize to be given away at the conclusion of the fund drive on April 19 will be an expenses-paid weekend in Las Vegas, Nev., with lodging for two persons at the Stardust Hotel. In addition, the lucky contributor will receive breakfast and dinner for two, and a pair of tickets to a leading show appearing in Las Vegas at the time of the trip.

All proceeds from the fund drive will be donated to the Activity Center.

### Folksinger To Perform

The Mind Shaft Coffeehouse at Cerro Coso College will re-open tonight with the return of W. B. Reid, a folksinger from San Diego.

Reid sings all types of music — from folk to blues — and plays a little ragtime guitar as well.

Admission is \$1 or 75 cents to holders of ASCC cards.



HAVE TECHNICIAN, WILL TRAVEL — Charles Gibson (r.), a model-maker at the Salt Wells Machine Shop, is shown assisting Dave Scoles, a mechanical engineer with the Engineering Department's Control Design Branch, in setting up a moving target simulator for use in making tests for an approved radar missile target seeker for Sparrow AIM-7F. The tests were conducted in the anechoic chamber. Gibson was loaned to Scoles to help build the apparatus and assisted with the drafting and design of the fixture. Bill Danley, who heads the machine shop at Salt Wells, has other men available for this purpose, plus all of the machine tools, drafting tables, etc., needed to complete a task. Scoles and Gibson began building this special apparatus in January. The horn at the top moves along the T-bar rail at various speeds, ranging from 1 in. per second to a very high rate. Scoles holds the control box that operates what he calls a "soap box derby steering system" for this special piece of equipment. He came to China Lake in February 1971 from Corona where he had been employed since June 1956. —Photo by Ron Allen

## HAPPENINGS AROUND NWC

Beginning on Monday, April 21, the Naval Weapons Center's Technical Library will be open to patrons on weekdays, starting at 9:30 instead of 7:30 a.m.

Staff reductions and the increased workload have made it necessary for a 2-hour period to be set aside each morning to allow time for such work as shelving of books, periodicals and reports, the mailing of the request for library materials, and to catch up on accumulated filing work.

The Technical Library will continue to close at its regular time of 4:30 p.m.

### Dance at Chaparral Club

The Younger Half, from Victorville, will play for a dance tonight, beginning at 9 o'clock, at the Chaparral Club.

Walt Schimke, club manager, is happy to have this popular group return to China Lake. He stated that the Younger Half used to play here quite often, but they disbanded some time ago and dropped out of the picture.

"Now that they're together again, all military enlisted personnel and their guests should enjoy the fine music by this group, Schimke said.

### Bike Moto-cross Planned

The second in a series of planned bicycle moto-cross events will be held on Sunday, April 6, at the NWC course — located behind Blue Ridge Rd.

The event will begin at 1 p.m. It is open to the dependents of all military and civilian employees of the Center, active or retired, regardless of whether or not they reside on the Center.

All participants must present a signed registration form no later than 5 p.m. tomorrow at the China Lake Youth Center, or at T. J. Frisbee's bicycle shop in Ridgecrest sponsors of the event. A fee of 50 cents will be payable at the time of registration.

Carol Hape, manager of the Youth Center, stated that a point system has been established in order that competitors can accumulate points toward trophies that will be awarded at the end of the season.

The winners in each class will receive 4

pts., while the runners-up will garner 3 pts. Those placing third will receive 2 pts., and a single point will be awarded for participation in a scheduled event.

### GEBA Assessment Due

Assessments are due from members of the Government Employees Benefit Association and the China Lake Mutual Aid Society following the death of William Glen Wolf, a 71-year-old former Commissary Store employee, who died this past Wednesday in San Jose.

GEBA and CLMAS members are asked by Larry Mason, secretary, to contact the collectors in their work area to pay this latest assessment, which is No. 332.

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

### Spring Fashion Fling Slated by WACOM

Creative seamstresses from among WACOM's membership will display their talent during a Spring Fashion Fling that will be the feature attraction of WACOM's luncheon meeting next Tuesday.

A social hour at 11 a.m. will precede the luncheon and fashion show that will take place beginning at noon at the Commissioned Officers' Mess. An arts and crafts display, arranged by Katie Barron, will be set up for viewing during the social hour.

Those modeling wearing apparel which they have made will mingle with the guests and be glad to answer questions about fabrics and patterns they used. WACOM members who attend also are encouraged to wear something which they created.

Tickets for the luncheon and fashion show, which is open by reservation only, are priced at \$3.25 per person, and can be ordered by calling either Rilla Cordle, at 446-2184, or Jody Hensley, at 446-3978.

Also on the agenda at Tuesday's WACOM meeting will be the election of new officers and voting on changes in the organizations' by-laws.

## Impact of Quality Control . . .

(Continued from Page 1)

necessary to provide adequate confidence that material, data, supplies, and services performed conform to established technical requirements and achieve satisfactory performance."

What this means to him, the NWC Commander continued, is that quality assurance is a planning action the end product of which will be necessary reliability to do the job—whether it be related to a piece of hardware or software, or the product is a component, element or a complete weapon system.

"All too often," RADM. Freeman warned, "the end product of quality assurance comes out to be a presumption that the system has excellence." Inherent quality necessary to accomplish Fleet requirements, however, is established by the basic design and can be improved only by design changes.

Finally, he referred to "Fleet quality," which he defined as "a standard of quality capable of achieving user satisfaction."

**Built-in Cost Penalty**  
"Design quality," RADM. Freeman stressed, "can be improved most economically during the early research, development and testing phases." There is a built-in cost penalty if engineering design changes to improve a system are introduced after an item has entered production, or is in use by the Fleet, it was added.

As he sees it, the NWC Commander continued, if a design has inherent quality, then variations from the standard in either manufacturing, inspection, installation, materials handling, packaging, maintenance, storage, transportation and operations will not only tend to degrade that inherent quality, but also will increase the costs associated with quality and reliability.

"Obviously then, we must have a quality assurance program which functions across the entire life cycle of the system if we are to make realistic assessments of the quality of our equipment and software—and as a matter of fact, we do," the Skipper stated.

He described this as "a very powerful technical sub-discipline that has developed in just the past few years which models the problems of reliability and maintainability, collects and analyzes data, and produces estimates of the operational, achieved and Fleet quality of our systems." Summed up over time, the results of this kind of analysis produces a valid measure of the progress being made in achieving Fleet quality for any system, the speaker added.

### Progress Monitored

"In support of the objectives of a quality assurance program, the Navy continuously monitors the progress of its programs in meeting standards and specifications," RADM. Freeman continued. Stringent standards for quality are written into contracts, and a substantial "closed-loop" information system is maintained among the principals involved. He listed these as OPNAV, the Systems Commands, the Navy Labs and the contractor or contractor—all of whom are concerned with performance, reliability and maintainability.

In reporting how the Navy is doing on meeting this objective of reliability, the speaker informed his listeners that over the past 37 months, the Navy has averaged only 600 inoperative pieces of shipboard gear daily, which is less than 1 per cent. The record with aircraft components is even better, since the record for not operationally ready supply over the past 36 months was only 900 — or 2 / 10ths of 1 per cent.

There is real problem when the design of a system is so sophisticated that only reliability objectives, not firm reliability requirements exist. In this case the design is ahead of the control prescribed for its quality and, RADM. Freeman pointed out, "unfortunately the reliability and maintainability requirements will probably never catch up with the design until the system fails to perform reliably in the Fleet and an engineering change program is mandated to correct shortcomings."

Turning his attention next to another aspect of this problem, RADM. Freeman commented briefly on quality as it is seen from the operating end of the acquisition

pipeline.  
"The place to start," he emphasized, "is with those who have to use and maintain the system after it reaches the Fleet. Young Navy enlisted personnel, generally equipped with a very limited amount of technical education and experience, will normally be the ones called upon to keep the system on line."  
"In the final analysis, the Fleet quality of the system will be dependent upon how these people operate and maintain it, for it is operation of the system at sea that represents the ultimate appraisal of that system's performance. More than one system has been procured which has performed well in the closely-controlled research, development, test and evaluation environment, only to do just the opposite when introduced into the Fleet," RADM. Freeman continued.

The central point of his presentation, the NWC Commander stated, is that "almost without exception, the driving parameter of our designs has been performance, or more accurately, hoped-for performance. Yet," he added, "by going for broke on performance, we almost always increase the risk factors associated with the development because we are levying increased performance requirements on components, sub-assemblies and one or more of the major elements of the system itself."

### Additional Risks

"That is still not the end of this constantly diminishing spiral," RADM. Freeman stated, "for by not managing the effect the performance requirements have on the entire acquisition process, we run the additional risks of program stretchout or cancellation because we are unable to meet cost and schedule requirements. Even more important, we increase the likelihood that the system we deliver to the Fleet will have a built-in low reliability and maintainability future."

The latter, he emphasized, is something that cannot be done, since the Navy does not have the assets to accommodate a reduction in operational capabilities because of unreliable systems.

He sees several alternatives, other than providing additional sums of money, to resolving this problem, the Skipper noted. First, he pointed out, if equal and in some cases greater weight were given to cost and schedule considerations rather than performance requirements, then an upper limit would be set independently on the system's performance.

"Design-to-cost, a relatively new criteria, is moving us in that direction now, and by adhering to its goals, there will be a greater control over the design of a system throughout the development cycle," the speaker said.

### Limit Design Effort

He also recommended against "trying to squeeze that last 5 or 10 per cent of performance out of our design." By foregoing such efforts, RADM. Freeman predicted that it would be possible to deliver to the Fleet a system that not only was acceptable in terms of reliability and maintainability, but the chance for product improvement further downstream would be enhanced.

In closing, the NWC Commander pointed out that "quality in Navy acquisitions remains a goal—not a demonstrated state of affairs." He suggested that perhaps its time to put the design engineer desk-to-desk with the quality engineer in order to have a design team that recognizes the inseparability of performance and reliability.

"Fleet quality depends upon user satisfaction, and the user and his environment must be accounted for in the design. That brings us back to the impact of quality in Navy acquisitions."

"The lack of quality and system failure because of it can be far more dangerous to the user than shortfalls in performance," RADM. Freeman insisted. "The credibility of the Navy's operating forces is dependent upon the quality of its systems, and that includes the people who serve at sea," he concluded.



SUPERIOR PERFORMANCE RECOGNIZED — On behalf of Admiral J. L. Holloway III, Chief of Naval Operations, a gold star in lieu of a second Navy Achievement Medal was presented recently to Chief Warrant Officer James W. Elder by Rear Admiral R. G. Freeman III, NWC Commander. CWO3 Elder, who has just been transferred to a Fleet Air Support Unit in Utapao, Thailand, put in a 4-year tour (from April 1971 through March 1975) at China Lake. During this period he was instrumental in initiating and directing new and improved programs to ensure effective logistics support to the Center. In addition, CWO3 Elder supervised the planning and hosting of the Navy's first Naval Material Command Laboratory Logistics Conference which brought together key logistics officials from each of the Navy Laboratories for an exchange of information of common interest. In the commendation that accompanied the gold star, CWO3 Elder was cited for professional achievement in the superior performance of his duties, which also included serving as head of the Material Division — the NWC Supply Department's largest organizational component. In this capacity, he initiated controls over the expenditure of funds and use of materials with the result that there was improvement in the management of automotive and aircraft materials carried in NWC's industrial inventories. —Photo by Ron Allen

## Inspection of VX-5 Sea Cadets Set Saturday at NAF's Hanger 1

The annual inspection of members of VX-5 Naval Sea Cadet Corps Squadron will be held at 1:30 p.m. Saturday in Hanger One at the Naval Air Facility.

The Sea Cadets will be inspected by a team of officers from the 11th Naval District, LtCdr. Richard Schultz, NSCC, Commanding Officer of the local unit, reported.

In other news about the local Sea Cadets, LtCdr. Schultz noted that five members of VX-5 Squadron recently were awarded petty officer certificates upon completion of written courses, participation in training cruises, and meeting other requirements.

### Survey of Troubles In Autovon System To Begin Monday

The week of April 7 through 11 has been designated "Global Autovon Trouble Shooting Week," during which the Defense Communications Agency will record and analyze all Autovon trouble reports to learn how to improve the quality of the service.

This can only be accomplished with the users' cooperation by reporting troubles encountered with the system during this period.

Subscribers' help in making this survey a success has been asked by the Naval Telecommunications Command. They ask that all problems encountered during an Autovon call be reported by calling ext. 114.

When reporting, subscribers are asked to include their telephone number and location, the Autovon number and location being called, a brief description of the trouble and the time it occurred, and if possible, they are asked to hold the Autovon connection open while calling in the trouble on another telephone.

This procedure will assist telephone repairmen in locating the source of the trouble.

All troubles reported will be analyzed by the DCA at the end of the survey period.

The new petty officers are POIC Mike Schultz and Tim Swann, John Alexander, Mike Stallings and John Clark, who all received their PO3C certificates.  
The local Naval Sea Cadet Corps Squadron, which is sponsored by the Indian Wells Valley Council of the Navy League, is open to young men from 14 through 17 years of age. Monthly training sessions and drills are held at NAF at the Air Test and Evaluation Squadron (VX-5) hangar.

### Bluegrass Band To Entertain at Cerro Coso College April 12

They're back again!  
High Country, the five-piece Bill Monroe-style bluegrass band, will return to the Cerro Coso College Lecture Hall on Saturday, April 12, at 8 p.m.

This group is one of the most exciting bands playing modern country music — using mandolin, guitar, banjo, fiddle and base — so familiar to the true lovers of country "bluegrass" music.

The group has recently played many college and concert dates throughout California and the western United States and has also recorded two albums of outstanding hits.

Bob Raful, dean of Community Services at the college, invites all to join in on the foot stomping and clapping. General admission is \$2.50 and students with ASCC cards will be admitted for \$2.

Tickets are available at the Gift Mart in Ridgecrest, the Station Pharmacy, and at the college switchboard.

### Stargazers To Meet Mon.

Gene Thomas will present a report on the astrophotography conference held recently at Moorpark College during the regular meeting of the China Lake Astronomical Society on Monday.

The get-together will begin at 7:30 p.m. at the clubhouse, 401-A McIntire St.