

**Extra-terrestrial life is subject of next Museum lecture**

The next lecture in the series sponsored by the Maturango Museum will take place on Wednesday, Sept. 17, at 7:30 p.m. in the Burroughs High School Lecture Center.

Dr. George A. Seielstad, of Cal Tech's Owens Valley Observatory in Big Pine, will discuss "Are We Alone?" Realizing that today this planet is only one of nine companions to the sun—itsself one of perhaps 100 billion stars within the Milky Way, which is a single galaxy among nearly 100 billion others—it is seen that in every respect, earth is typical and there are ample locations where life could have taken hold elsewhere.

These and other new lines of evidence suggesting the possible existence of extra-terrestrial life will be presented. The question of whether a search for such life would or would not succeed also will be discussed.

The speaker is the author of some 30 articles printed in professional publications. He was graduated summa cum laude from Dartmouth University and received his Ph.D. in physics from Cal Tech in 1963.

Admission to this program is free of charge.

**Dance set at Chaparral**

A dance by a country and western band featuring Donna Thomas, as vocalist, will be held tonight from 9 o'clock to 1 a.m. at the Chaparral Club. This will be the first local appearance of this group, Walt Schimke, the club manager, reports.

Regular weekend hours will be resumed tomorrow when the Chaparral Club will be open on Saturdays and Sundays from 6 p.m. to midnight. The club also is open Monday through Thursday, from 11 a.m. to midnight, and on Fridays, from 11 a.m. to 2 a.m.

**Roadrunner Auxiliary to sponsor 'Big Wheel Jamboree' tomorrow**

Safety on two- and three-wheeled vehicles will be the main objective when the Roadrunner Auxiliary to the Children's Home Society sponsors a "Big Wheel Jamboree" tomorrow.

Scheduled from 9 a.m. until noon at the tennis courts on the Burroughs High School campus, the Big Wheel Jamboree will be geared to allow children between the ages of 3 and 7 years to stage races, participate in bicycle and tricycle games, and learn all about safety.

Assisted by members of the Optimist Club



**ONE LOUSY CARAMEL AND THE WHOLE FILLING CAME OUT**—Mrs. Durant (center), played by Judy Vuono, complains to her sympathetic Park Avenue dentist, Julian Winston (Diderot Asseresses), while Stephanie Dickinson (Suzanne Koerschner), Dr. Winston's "office wife," looks on. This scene is from "Cactus Flower," the hilarious Abe Burrows comedy that will be presented at the Commissioned Officers' Mess at 8:30 p.m. on Sept. 25, 26, and 27, and Oct. 2 and 3. Ken Austerman of the China Lake Players is directing. He reminds playgoers to make advance reservations by calling Jan Austerman, 446-6714, or the COM, 446-2549. For play attendees who want to make an evening of it, dinner reservations may be made at the same time. —Photo by Ken Austerman

**Happenings around NWC**

Burrell W. Hays, head of the Engineering Department, will be the featured speaker at the next meeting of the Sierra Sands Section of the American Society for Quality Control on Monday night, at The Hideaway Restaurant in Ridgecrest.

His subject will be "Integration of Quality Assurance Into the Production Process."

The meeting will be preceded by a dinner at 7 o'clock, and an attitude adjustment

hour at 6. The program will start at 8. Reservations are not required, however, Tony Miller, section chairman, asks that those who plan to attend contact him by calling 446-3501.

Hays has been assigned steadily increasing responsibilities in the 19 years he has been employed at China Lake. His areas of expertise range from electronic design and RF technology, to quality assurance and various management activities.

**Restaurant Being Remodeled**  
An extensive remodeling of the Center Restaurant is currently under way.

The Employee Services Board asks that all persons using this facility, which is located at the corner of Lauritsen Rd. and Blandly Ave., bear with the contractors until the work is completed sometime around Oct. 1.

Until that time, hours of operation at the restaurant will be from 6 a.m. to 4 p.m., Mondays through Fridays. The restaurant is closed on Saturdays and Sundays.

Full service will be resumed once the remodeling has been completed.

**Chiefs To Be Initiated**  
Two men who have recently been promoted to chief petty officer will be initiated at the CPO Club at noon on Tuesday, Sept. 16.

All active duty and retired E-7s, 8s and 9s invited are to attend. Lunch will be served, and the initiation ceremony will follow.

The new CPOs are David Homley, AMHC, from NAF, and Francisco Cruz, YNC, from VX-5.

**Student registration being held now by Ballet Arts Theatre**

Registration of new students by Bette Jacks' Ballet Arts Theatre is being held throughout the month of September.

Sign-ups are being conducted on Mondays, Wednesdays and Fridays from 3 to 5 p.m. at 303 Blue Ridge Rd., China Lake.

Openings exist in all age groups (children, adults and professionals). Students will be taught classical ballet and development of coordination, grace and poise — all generally considered excellent preparation for gymnastics and drama.

The instruction is directed by Bette Jacks, whose background includes training and teaching credentials from the ballet master of the Ballet Russe de Monte Carlo, the director of American Ballet Theatre, and the dance director of the University of Arizona in Tucson.

**SHOWBOAT**

**MOVIE RATINGS**

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

(G) - ALL AGES ADMITTED  
General Audiences

(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested

(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian

Regular starting time — 7:30 p.m.

FRI. 12 SEPT.

"THE PYX" (95 Min.)

Karen Black, Christopher Plummer (Drama) A Montreal police sergeant investigates the death of a prostitute and discovers her past connection with the occult. (R)

SAT. 13 SEPT.

"REVENGE IS MY DESTINY" (90 Min.)

Chris Robinson, Elisa Ingram (Drama) A young soldier returns home from Viet Nam and finds another woman living in his houseboat instead of his wife. He is told his wife committed suicide. He doesn't believe she is dead and the search begins that exposes him to murder and extortion. (PG)

SUN. 14 SEPT.

"POSSE" (93 Min.)

Kirk Douglas, Bruce Dern (Adventure Drama) Kirk Douglas, as U.S. Marshal Nightingale, a vain and ambitious man, has his eyes focused on a seat in the U.S. Senate. He hopes to clinch the election by capturing a gang of train-robbers led by Bruce Dern, and actually succeeds in eliminating all but Dern. Dern eludes punishment and manages to corrupt the posse when Douglas' ambition reveals to his men that he will no longer need them after he becomes a senator. (PG)

MON. 15 SEPT.

"THE DAY OF THE DOLPHIN" (105 Min.)

George C. Scott, Trish Van Devere (Adventure Drama) A story of interspecies communication based on actual scientific research. "The Day of the Dolphin" concerns itself with the possibility that there are other animals on earth as intelligent as man. (PG)

TUE. 16 SEPT.

"THE CASTAWAY COWBOYS" (92 Min.)

James Garner, Vera Miles (Comedy) Amiable James Garner is a Texas refugee washed up on the shores of Kauai and adopted by a plucky 12 year old (Eric Shea) and his widowed mother (Vera Miles). Since her potato business is on the skids and her workers spend all their time playing on the beach, Miles hires experienced wrangler Garner to pull her operation back together as a cattle ranch. The comedy develops when Garner tries to transform the fun-in-the-sun Hawaiians into disciplined cowhands. (G)

WED. 17 SEPT.

"CLEOPATRA JONES" (89 Min.)

Tamara Dobson, Shelly Winters (Drama) Special agent Cleo orders a poppy field worth \$30 million in dope burned thus incurring the wrath of a stateside narcotics ring. She systematically overturns and dispatches the dope ring and leaves for a new mission. (PG)

THURS. 18 SEPT.

"SHEBA BABY" (90 Min.)

Pam Grier, Austin Stoker (Action Drama) Pam Grier plays a female private eye who returns to her hometown when her father's loan company business is threatened by hoods. Although made up as a fashion model, she packs a magnum revolver and uses it with authority along with her own brand of karate, to round up the hoods. (PG)

FRI. 19 SEPT.

"LADY ICE" (92 Min.)

Donald Sutherland, Jennifer O'Neill (Action) An insurance investigator goes undercover to break up a jewel theft ring, spearheaded by a lovely lady. (PG)



U.S. Government Printing Office: 1975 - 494 N0338

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

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

PLACE STAMP HERE

**President Ford favors holding pay hike to 5%**

An alternative pay raise proposal of 5 per cent for Federal employees, including military personnel, has been recommended to Congress by President Gerald Ford.

Presidential pay agents earlier had recommended an 8.66 per cent Federal pay increase, based on a Bureau of Labor Statistics survey of civilian industry pay increases. Existing law requires that the Federal pay rate be comparable with civilian enterprise pay raises.

However, the President has determined that the October pay raise should be a lesser amount "on the basis of an overriding commitment to all Americans to achieve national economic stability." The President's alternative proposal of 5 per cent would save about \$1.6 billion.

Congress has 30 days from Aug. 29 to act on the President's proposal. If either House of Congress, by simple majority, votes against the 5 per cent pay increase, the 8.66 increase will become effective on Oct. 1, 1975.

If Congress takes no action, the 5 per cent increase will take effect. There is no provision in the law for Congress to modify the President's recommendation or the proposal of his advisors.

In 1974, a law was passed requiring that all future military pay raises be applied to monthly basic pay, basic allowance for quarters (BAQ) and basic allowance for subsistence (BAS).



Naval Weapons Center  
China Lake  
California

**Mobile high pressure air cart developed**

A mobile high pressure clean air cart, designed and built by Naval Weapons Center employees, is currently undergoing tests prior to its full scale operation on the aircraft hot line at the Naval Air Facility.

The cart was developed for use by personnel of the Infrared Weapons Branch in the Air Weapons Department's Laser / IR Systems Division. It was designed to provide ground support for airborne missile high pressure air systems and remote seeker tests.

With the cart available, it is possible to charge missile bottles in the field to 3,500 psi (pounds per square inch) without dangerous handling of high pressure air cylinders. In addition, pressure to 4,500 psi may be attained by a few minor modifications to the control panel.

During test runs, the compressed air is used to cool the detector system on missiles that are equipped with a Joule-Thompson cryostat.

**Hazardous Job**

Before the new cart was developed, it was a much more time-consuming and hazardous job to manhandle two large bottles of compressed air into a pickup truck and connect and empty them into the air bottles aboard an airplane.

Using the former method, only one or two of the aircraft's compressed air bottles could be filled before it was necessary to go back for more of the large, unwieldy compressed air containers. Now, with the mobile high pressure clean air cart available, it is possible to fill more air bottles with both added safety and convenience.

The improved method for handling this task was conceived by employees of Code 5163 after observing captive flight tests of a missile at the Pacific Missile Test Center at Pt. Mugu. When it was determined that a commercially available system would be too expensive to purchase, it was decided to design and build the Center's own mobile high pressure clean air cart.

Jim Tooker, an engineering technician in (Continued on Page 5)

**Navy Meritorious Civilian Service Award presented to Tilly Barling**

The Navy Meritorious Civilian Service Award, the highest honorary award in the Navy civilian service which may be granted by the heads of activities, was presented Monday morning during the NWC Commander's meeting to Mrs. Tilly Barling.

The award was presented by Rear Admiral R. G. Freeman III in recognition of Mrs. Barling's "years of personal

**Desert Empire Fair to begin Wed., Sept. 17**

Bright lights and a carousel; good food and things to see. Funny clowns and a fireman's bell; fun for you and me.

The fair is coming to town!

The 25th edition of the Desert Empire Fair, now in its second year as a member of the 53rd District Agricultural Association, will begin next Wednesday when the SJM Fiesta Shows sets up its carnival and midway on the fairgrounds in Ridgecrest.

In honor of the DEF's 25th anniversary, the theme, "From Sand to Silver," has been adopted by the board of directors, headed by Bob Waters, president. Roberta Leighton, co-chairman of the Parade Committee, submitted the winning entry in the theme contest.

The annual parade, which will be held on Saturday, Sept. 20, down China Lake Blvd., from the Triangle to California Ave., is one of the highlights of this five-day celebration. Grand Marshal this year will be State Senator Walter Stern, who was directly responsible for the creation of the 53rd DAA.

The parade will begin at 10 a.m. with a flyover of aircraft piloted by men from VX-5 and NAF. Approximately two hours in length, the cavalcade will feature floats based upon the 25th anniversary theme, many championship equestrian units,

(Continued on Page 4)

dedication and outstanding innovative job performance and leadership among the numerous activities and agencies concerned with desert natural resources and wildlife management and conservation."

Mrs. Barling, an employee at China Lake since 1956, was appointed approximately 4½ years ago to what was then the newly-established position of natural resources specialist in the Engineering Division of the Public Works Department. Prior to that time, she had been active for many years providing the backup needed by the Assistant Public Works Officer in the area of conservation of natural resources and management of the wildlife that inhabits the vast area encompassed within the boundaries of the Naval Weapons Center.

**Personal Well Wishes Extended**  
RADM. Freeman extended his personal congratulations as he presented the Navy Meritorious Civilian Service Award to Mrs. Barling, pointing out that through her effective work with such groups as the State Department of Fish and Game, the Sierra Club and the Audubon Society, the Center exercises effective stewardship of its natural resources and wildlife population.

In her work, this latest recipient of the Navy Meritorious Civilian Service Award is concerned with natural resources, including not only wildlife but also vegetation, soils, water and water sources (other than those used for domestic consumption), historical, archeological values, environmental quality, and natural beauty.

**Origin of Program**  
When Mrs. Barling began performing the functions of a natural resources specialist, there was in effect an agreement on wildlife management between the Naval Weapons Center and state and federal agencies. This agreement, however, amounted to nothing more than an annual hunting program, for there were no provision for inventory or control of non-game wildlife or for the protection or enhancement of other species.

Since that time, Mrs. Barling has established and implemented a full scale program of natural resources conservation and management for the one million plus acres (approximately 1,712 square miles) of land occupied by the Naval Weapons Center.

Her constant efforts have enabled the Naval Weapons Center to achieve a position of leadership in the management of desert natural resources in the professional, academic and scientific communities, and NWC is now known for its enlightened leadership in programs to protect native species and for its efforts on behalf of rare and endangered desert fauna.

Due to Mrs. Barling's efforts, the Naval (Continued on Page 3)



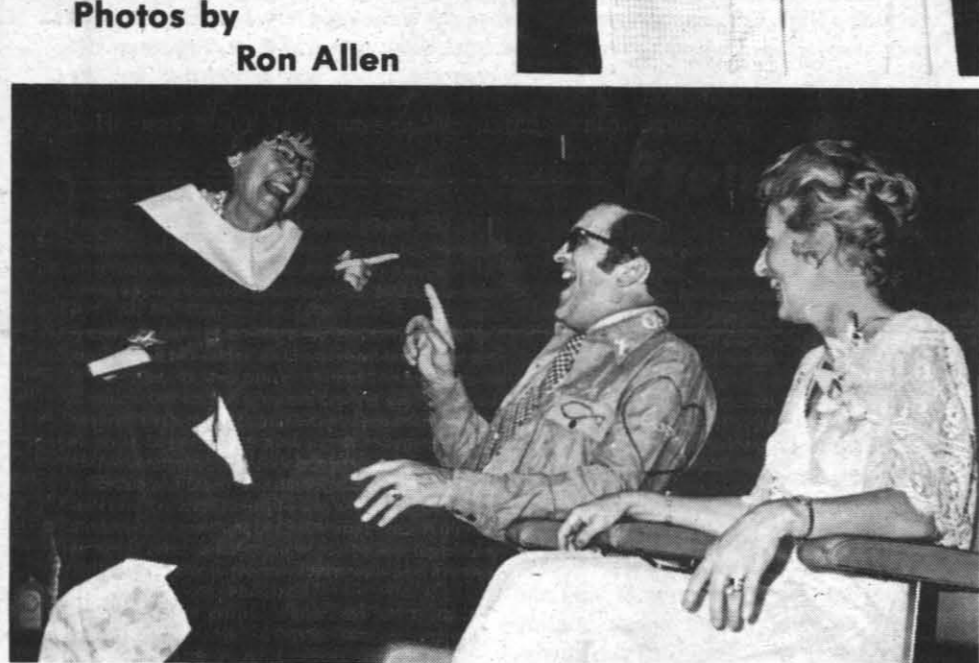
**FINAL OPERATIONAL TEST RUN** — Jim Tooker (standing in center), who designed the mobile high pressure clean air cart, checks to make sure that all gauges, valves and components are working correctly before turning the cart over to personnel of the Air Weapons Department's Infrared Weapons Branch for testing in the field. Don Willett (in foreground) built this new device, under the supervision of Loren Chadwick, a pipefitter foreman in the Public Works Department, who is looking on at right. —Photo by Ray Hocker



**GETTING THE FLAG** — Mark Hoppus, 3 years old (with flag), signals what looks like a tie at the finish line of a race between Jason and Julie Hall, ages 4 and 5, respectively. The Hall youngsters are preparing for the "Big Wheel Jamboree," an event coming up tomorrow that is sponsored by the Roadrunner Auxiliary to the Children's Home Society, with special assistance from the Optimist Club of Ridgecrest / China Lake. —Photo by Ron Allen



Photos by Ron Allen



CHAPLAIN AND MRS. OSMAN BID FAREWELL — The Community Center was packed Sunday evening for a farewell potluck dinner held in honor of Chaplain and Mrs. R. E. Osman, who have left for duty at Treasure Island Naval Station in San Francisco. In this camera's-eye view of the many gifts and mementos received by Senior Chaplain Osman following more than 4 1/2 years of service at the Naval Weapons Center, the chaplain wore a specially-embroidered shirt (one of the first gifts he received). It was a present from the All Faith Chapel's Senior High Youth Fellowship. In the two upper photos, Richard Fulmer (at left), senior high advisor, acted on behalf of the Protestant Council of the Chapel, as he presented a plaque to Chaplain Osman, while Virginia Fulmer, president of the Protestant Women of the Chapel, can be seen handing a gift-wrapped box that contained a decorative bowl to Mrs. Osman (on right). Rear Admiral R. G. Freeman, NWC Commander, and his wife, Dottie,

presented traditional mementos to the Osmans in the two center-row photos. Certificates denoting that Chaplain Osman is now an honorary member of the Dust Devils, as well as a Order of the Purple Sage were given to Chaplain Osman by the Skipper, while Mrs. Freeman presented Mrs. Osman with a Dust Devil certificate. An oil painting of a desert scene (the work of Larry Zabel) was another of the gifts received by the Osmans. It can be seen in the center-left photo. In the bottom row (at left), an NWC plaque was presented to Chaplain Osman by his successor, Chaplain Theodore C. Hermann. At lower right, Chaplain and Mrs. Osman enjoy a good laugh with Mrs. Dovie Leonard, the Protestant congregation's choir director, as she helped them to recall an incident about worn out robes the choir once wore. Mrs. Leonard's farewell gift to the Osmans was a recording that was made featuring excerpts from the choir's extensive repertoire of vocal music selections.

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 652, 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 those applicants rated as basically qualified. The Naval Weapons Center is an equal opportunity employer and selection shall be made without discrimination for any nonmerit reason. The minimum qualification requirements for all GS positions are defined in CSC Handbook X-116, while those for all WG, WL, and WS positions are defined in CSC Handbook X-118C.

Supervisory Mechanical Engineering Technician, GS 802-13, PD No. 7531084, Code 3134 — This position is Head, Special Warfare Systems Branch, located in the Special Project Division of the Surface Missiles Department. Incumbent provides supervision of personnel involved in development from operational and technical design analysis through product design, development, test, evaluation, documentation, and production assistance. Incumbent maintains close liaison with other military labs, Fleet units and industry. Job Relevant Criteria: Experience in planning, design, development, test and evaluation. Must be familiar with all aspects of air and mixed gas breathing apparatus and with open and closed circuit scuba equipment. Experience in coordinating aspects of project or branch effort and interacting with Systems Command and other off-Center agents is desirable. Ability to supervise.

Electronics Engineer/Physicist, GS 855/1310-12/13, PD No. 7280185, Code 3108 — This position is located in the SEASPARROW Program Office, Surface Missiles Department. Incumbent's duties include planning and technical direction of missile design and modifications required for the development of the RIM-7F SEASPARROW Missile. Performs program office functions as technical manager and guidance consultant to NAVSEA, contractors and other Government agencies in the development of the RIM-7F missile. Job Relevant Criteria: Experience in project/program planning and management. Experience in missile guidance techniques and missile system development. Ability to coordinate aspects of project/program with various government/contractor groups.

Supervisory Auditor, GS 510-12, PD No. 717927E, Code 802 — This position is Head, Internal Review Staff, in the Office of Finance and Management. The incumbent is responsible for planning, developing and executing a program of internal reviews and audits of the financial and operating activities on-Center and provides an independent, objective and constructive appraisal of the effectiveness, efficiency, and economy with which the financial and operating responsibilities of the Center are being administered. Job Relevant Criteria: Ability to supervise. Ability to analyze raw financial/management data and apply sound judgment to determine adequacy/effectiveness of the data. Ability to perceive possible alternate solutions and procedures for accomplishing desired objectives. Ability to communicate effectively and work successfully with others.

Specifications Writer/Editor, GS-1083/12, PD No. 745954-3, Code 5554 — This position is located in the Specifications Branch, Engineering Department. Incumbent plans the preparation of, writes, edits, maintains and revises complex specifications, air and ordnance data, and air requirements. Will direct technical documentation efforts of contractors preparing documents under his cognizance. Job Relevant Criteria: Must have experience in writing/editing of technical or quality assurance documents such as specifications, ADs, ARs, and ODs. Must have knowledge of production methods and techniques and the processes required to control quality of material during manufacture, production and surveillance. A working knowledge of the following manuals is required: MIL-STD, Standardization Manuals, Procurement and Contract Regs.

Engineering Technician, GS-802-12, PD No. 7555129, Code 5582 — This position is located in the Engineering Support Branch, Engineering Department. The incumbent develops modifications to improve performance and extend service life of weapons system components through preparation of original designs. Incumbent will act as consultant for contractors or other activities responsible for the production of systems and their components. Must prepare the master technical program for the project; estimates and schedules the work; prepares work orders, work requests, cost and material estimates, and arranges for and oversees fabrication of prototypes. Job Relevant Criteria: Must be knowledgeable of documentation requirements. Have skill in design and geometric tolerancing. Experience in interface control documentation. Knowledge of drafting techniques.

General Engineer, GS-801-11/12, PD No. 7555076-1, Code 5586 — This position is located in the Reliability and Maintainability Branch, Engineering Department. Incumbent is responsible for planning reliability programs for selected NWC programs and assisting in reliability programs performed by contractors. Job Relevant Criteria: Incumbent must have a degree in math, physics, or an engineering field, or equivalent. Experience in the design, manufacture and test of aerospace or DoD equipment. Reliability engineering experience on aerospace or DoD equipment.

Quality Assurance Specialist, GS-1910-9, PD No. 7555128, Code 5582 — This position is located in the Quality Assurance Branch, Engineering Department. Incumbent participates in the review of contractual quality assurance requirements of complex items for weapons and/or missile and ammunition systems and associated equipment related to a total project. Reviews hardware drawings and documentation from a producibility, quality development and inspection viewpoint. Investigates quality problems to ascertain their cause, scope, and effect as to end item integrity. Performs periodic review on all aspects concerned with the contractors quality program. Job Relevant Criteria: Must have thorough knowledge of standard sampling plans and procedures to evaluate statistical data, discrepancy and deficiency reports. Experience in production, manufacturing and quality control as applied to industrial technology. Must be knowledgeable in manufacturing processes, production planning, fundamentals of design and production for an overall quality control system.

Supervisory General Engineer or Supervisory Engineering Technician, GS-801/802-13, PD No. 7555116, Code 5586 — Position is that of Head, Systems Safety Office, Engineering Department. Duties include providing safety programs for weapon development programs, review of contractor prepared plans, hazard analysis, liaison with Weapon System Explosive Safety Review Board, documentation reviews, serving on source selection boards and establishment of systems safety policies. Job Relevant Criteria: Experience with systems engineering programs. Reliability engineering experience on aerospace or DoD equipment. Washington program managers. Experience in system safety. Previous applicants need not reapply.

Equipment Specialist, GS-1470-9/11/12, PD No. 7555127, Code 5555 — Position is located in the Logistics Documentation Branch, Engineering Department. Duties include the management of logistics and supply support for complete weapons systems through programmatic and other contract definition. Provides technical direction in the research, writing, programming, and publishing of formal provisioning parts breakdowns, bulk items lists, allowance parts lists, design changes notices and revision directives, etc. Provides provisioning support requirements for complete weapons systems. Maintains close liaison with an NAVAIR NAVORD, research facilities, supply centers, etc. Job Relevant Criteria: General engineering knowledge and understanding of air-launched missiles, conventional free-fall weapons, and electronics and mechanical ground support equipment. Extensive background in logistics planning and parts provisioning. Thorough knowledge of many provisioning policies, logistics planning and maintenance and material management as defined in appropriate NAVMAT, SECNAV, and DoD instructions.

File applications for the above with Carol Downard, Bldg. 34, Rm. 304, Ph. 2925. Clerk-Typist, GS-316-03/04, PD No. 7270012, Code 7002 — Position is located in the Public Works Department staff office. Incumbent prepares correspondence, reports, memoranda, etc., from recordings and rough drafts; receives telephone calls requiring informational or referral services; has responsibility for maintaining a central filing system for the department staff office; performs miscellaneous duties as assigned by the staff secretary. Job Relevant Criteria: Ability to type accurately and proficiently. Ability to work independently with little or no supervision.

Pneumatic Tools Operator, WG-5730-04, JD No. 319, Code 3722 — Operates various pneumatic tools to breakup or drill hard surfaces, such as concrete, asphalt, and masonry. File applications for the above with Terry Rowell, Code 657, Rm. 212, Ph. 2032.

Electrician, WG-2805-10, (2 vacancies) JD No. 448, Code 3722 — Incumbent plans, lays out, constructs, installs and tests electric and electronic equipment and installations applying the whole range of electric journeyman skills to unusual requirements and conditions. He repairs electrical and industrial electronic components, equipment and installations intended for use in experimental and developmental equipment. Such is to be used for engineering and scientific studies and tests. Incumbent not required to have an in-depth knowledge of advanced electronic theory, but must have very broad knowledge of electrical theory and is required to have knowledge of all areas of electrical assemblies and installations. Promotion potential: Electrician (Test Control Systems) WG-2882-12.

Secretary (Typing), GS-318-5, PD No. 7537864, Code 371 — This position is secretary to the Head of the Protocol Engineering Division of the Test and Evaluation Department. Incumbent initiates certain nontechnical correspondence, screens mail and phone calls, schedules meetings, maintains supervisor's calendar and types correspondence from rough drafts. Provides editorial assistance to the professional personnel in the division in preparation of technical reports. Job Relevant Criteria: Familiarity with work and personnel of the division; able to work independently; working knowledge of editorial principles and techniques.

Supervisory Electronics Engineer, GS-855-13, PD No. 7230062, Code 5154. This position is a detail, not to exceed Feb. 1, 1976. — As acting head of the Seeker Systems Branch, incumbent is responsible for the technical direction and control of all branch efforts. Supervises approximately 21 engineers and technicians through the GS-13 level. Initiates projects, suggests technical approaches, assigns personnel to projects, schedules workload, and prepares and manages budgets. Job Relevant Criteria: Experience in the design and development of infrared and electro-optical signal processing equipment. Ability to direct the work of others. Knowledge of mechanical engineering design principles.

Sheet & Plate Metal Worker, WG-3880-11, JD No. 114-2, Code 3722. — This is a temporary position NTE 1 year. May lead to permanent assignment. Fabricates missile, rocket motor, rocket sled parts, and electronic chassis, panels, cabinets requiring the application of the full knowledge of the sheet metal and heavier plate working field. The sheet metal and plate work is done to high tolerances and requires the forming of unusual shapes and forms.

Ordinance Laserer, JD No. 449, WG-5311-04, or Ordnanceman, JD No. 411, (A&E Misc) WG-4502-7, Code 3723 — The ordnanceman performs a variety of duties in receiving, stowing, set-up and testing of explosives, missiles and projectiles. Includes collection of component parts and assembly into a complete unit. Repairs, modifies and maintains numerous types of launchers and guns. The learner, under close supervision, progressively learns to perform the full range of ordnanceman duties.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514. Supply Systems Analyst, GS-2003-7 or 9, PD No. 7025028-1E, Code 2511 — This position is located in the Data Processing Branch of the Supply Department. Incumbent will design or supervise the design of systems for processing of supply data. Work entails the analysis and evaluation of present methods of accomplishment, application and designing data systems to meet processing requirements. Ability to coordinate data processing programs. Ability to deal with personnel at all organizational levels.

File applications for the above with June Adams, Bldg. 34, Rm. 210, Ph. 3371. Aetna agent to visit NWC C. (NMI) Ziegler, the Aetna Insurance representative, will be at the Community Center on Monday from 11 a.m. until 1 p.m.

Employee in the spotlight



Robert M. Glen

Robert M. Glen, head of the Management Division in the Office of Finance and Management, intended to work in some form of city government, maybe even as a city manager.

However, Ed Jones and Ross Clayton, who were recruiting for the Naval Ordnance Test Station (now called NWC), got to him while he was a student at UCLA working on a master's degree in public administration. So, Bob spent a summer at China Lake and promptly fell in love with the place.

"Actually, it's a fluke that I stayed here. The day I arrived in June 1961 as a summer employee was probably one of the hottest days on record around here. It was 119," Bob recalled. He was driving a cloth-top car and the back window—which was made of plastic—actually began to melt.

"I stored the top under my bed all summer to keep it from being ruined," he said.

Attracted by People

However, Bob was attracted to China Lake by what he calls "the quality of the people working here, and the opportunity to work with technical people."

Bob was born in San Diego and was graduated from Helix High School in La Mesa, Calif. He attended Stanford University at Palo Alto where he earned a bachelor's degree in political science. Then he joined the U.S. Army. Bob spent nearly a full two-year tour of duty in the Army stationed in Heidelberg, Germany, where he worked in a civil affairs division.

Following his discharge, Bob entered UCLA, and that's when he met Jones and Clayton.

He was hired as a participant in the

Management Intern Program on the Center and, after six months, joined Central Staff working as a management analyst under Bard Monson.

During that time, Bob was assigned to several long details. The first was with Code 40 as business manager for the HITAB project for one year. Next he was assigned to Code 45 doing the same work for a hovering rocket project. "It didn't hover too long," he joked.

In late 1964, Bob was transferred to Code 12 as head of staff. "I was the first head of staff the Weapons Planning Group ever had so it was an interesting assignment," he said. Bob recalled there were several unusual people working for Code 12 back in

Promotional opportunities . . .

(Continued from Page 2)

File applications for the above with Tina Lowe, Bldg. 34, Rm. 304, Ph. 2723.

Clerk-Typist, GS-322-4, PD No. 700007-1, Code 90 — This position will be filled on an intermittent basis. The position is assigned to the Office of the Commander, Naval Weapons Center, and provides clerical support on an "as needed" basis to Office of the Commander offices, 00, 003, 01, 02, 14. Duties include such things as typing all types of correspondence, receiving visitors, answering the telephone and other miscellaneous clerical functions. Job Relevant Criteria: Ability to deal with people with tact and diplomacy. Knowledge of Center organization. Knowledge of Naval correspondence procedures and terminology.

File applications for the above with Sue Prasolowicz, Bldg. 34, Rm. 208, Ph. 2577.

Specifications Writer/Editor, GS-1083/12, PD No. 745954-3, Code 5554 — This position is located in the Specifications Branch, Engineering Department. Incumbent plans the preparation of, writes, edits, maintains and revises complex specifications, air and ordnance data, and air requirements. Will direct technical documentation efforts of contractors preparing documents under his cognizance. Job Relevant Criteria: Must have experience in writing/editing of technical or quality assurance documents such as specifications, ADs, ARs, and ODs. Must have knowledge of production methods and techniques and the processes required to control quality of material during manufacture, production and surveillance. A working knowledge of the following manuals is required: MIL-STD, Standardization Manuals, Procurement and Contract Regs.

Engineering Technician, GS-802-12, PD No. 7555129, Code 5582 — This position is located in the Engineering Support Branch, Engineering Department. The incumbent develops modifications to improve performance and extend service life of weapons system components through preparation of original designs. Incumbent will act as consultant for contractors or other activities responsible for the production of systems and their components. Must prepare the master technical program for the project; estimates and schedules the work; prepares work orders, work requests, cost and material estimates, and arranges for and oversees fabrication of prototypes. Job Relevant Criteria: Must be knowledgeable of documentation requirements. Have skill in design and geometric tolerancing. Experience in interface control documentation. Knowledge of drafting techniques.

General Engineer, GS-801-11/12, PD No. 7555076-1, Code 5586 — This position is located in the Reliability and Maintainability Branch, Engineering Department. Incumbent is responsible for planning reliability programs for selected NWC programs and assisting in reliability programs performed by contractors. Job Relevant Criteria: Incumbent must have a degree in math, physics, or an engineering field, or equivalent. Experience in the design, manufacture and test of aerospace or DoD equipment. Reliability engineering experience on aerospace or DoD equipment.

Quality Assurance Specialist, GS-1910-9, PD No. 7555128, Code 5582 — This position is located in the Quality Assurance Branch, Engineering Department. Incumbent participates in the review of contractual quality assurance requirements of complex items for weapons and/or missile and ammunition systems and associated equipment related to a total project. Reviews hardware drawings and documentation from a producibility, quality development and inspection viewpoint. Investigates quality problems to ascertain their cause, scope, and effect as to end item integrity. Performs periodic review on all aspects concerned with the contractors quality program. Job Relevant Criteria: Must have thorough knowledge of standard sampling plans and procedures to evaluate statistical data, discrepancy and deficiency reports. Experience in production, manufacturing and quality control as applied to industrial technology. Must be knowledgeable in manufacturing processes, production planning, fundamentals of design and production for an overall quality control system.

Supervisory General Engineer or Supervisory Engineering Technician, GS-801/802-13, PD No. 7555116, Code 5586 — Position is that of Head, Systems Safety Office, Engineering Department. Duties include providing safety programs for weapon development programs, review of contractor prepared plans, hazard analysis, liaison with Weapon System Explosive Safety Review Board, documentation reviews, serving on source selection boards and establishment of systems safety policies. Job Relevant Criteria: Experience with systems engineering programs. Reliability engineering experience on aerospace or DoD equipment. Washington program managers. Experience in system safety. Previous applicants need not reapply.

Equipment Specialist, GS-1470-9/11/12, PD No. 7555127, Code 5555 — Position is located in the Logistics Documentation Branch, Engineering Department. Duties include the management of logistics and supply support for complete weapons systems through programmatic and other contract definition. Provides technical direction in the research, writing, programming, and publishing of formal provisioning parts breakdowns, bulk items lists, allowance parts lists, design changes notices and revision directives, etc. Provides provisioning support requirements for complete weapons systems. Maintains close liaison with an NAVAIR NAVORD, research facilities, supply centers, etc. Job Relevant Criteria: General engineering knowledge and understanding of air-launched missiles, conventional free-fall weapons, and electronics and mechanical ground support equipment. Extensive background in logistics planning and parts provisioning. Thorough knowledge of many provisioning policies, logistics planning and maintenance and material management as defined in appropriate NAVMAT, SECNAV, and DoD instructions.

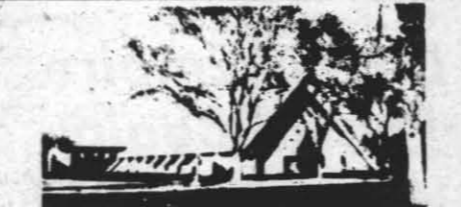
File applications for the above with Carol Downard, Bldg. 34, Rm. 304, Ph. 2925.

Clerk-Typist, GS-316-03/04, PD No. 7270012, Code 7002 — Position is located in the Public Works Department staff office. Incumbent prepares correspondence, reports, memoranda, etc., from recordings and rough drafts; receives telephone calls requiring informational or referral services; has responsibility for maintaining a central filing system for the department staff office; performs miscellaneous duties as assigned by the staff secretary. Job Relevant Criteria: Ability to type accurately and proficiently. Ability to work independently with little or no supervision.

Pneumatic Tools Operator, WG-5730-04, JD No. 319, Code 3722 — Operates various pneumatic tools to breakup or drill hard surfaces, such as concrete, asphalt, and masonry. File applications for the above with Terry Rowell, Code 657, Rm. 212, Ph. 2032.

Electrician, WG-2805-10, (2 vacancies) JD No. 448, Code 3722 — Incumbent plans, lays out, constructs, installs and tests electric and electronic equipment and installations applying the whole range of electric journeyman skills to unusual requirements and conditions. He repairs electrical and industrial electronic components, equipment and installations intended for use in experimental and developmental equipment. Such is to be used for engineering and scientific studies and tests. Incumbent not required to have an in-depth knowledge of advanced electronic theory, but must have very broad knowledge of electrical theory and is required to have knowledge of all areas of electrical assemblies and installations. Promotion potential: Electrician (Test Control Systems) WG-2882-12.

Secretary (Typing), GS-318-5, PD No. 7537864, Code 371 — This position is secretary to the Head of the Protocol Engineering Division of the Test and Evaluation Department. Incumbent initiates certain nontechnical correspondence, screens mail and phone calls, schedules workload, and prepares and manages budgets. Job Relevant Criteria: Experience in the design and development of infrared and electro-optical signal processing equipment. Ability to direct the work of others. Knowledge of mechanical engineering design principles.



DIVINE SERVICES

PROTESTANT 1015 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 (Doors 5, 6, 8) located opposite the Center Restaurant. Communion Service first Sunday of the Month.

ROMAN CATHOLIC MASS 1700 fulfills Sunday obligation 0700 0830 1130

BLESSED SACRAMENT CHAPEL MASS 1135 Daily except Saturday

CONFESSIONS 1615 to 1645 0800 to 0825 Saturday Sunday

RELIGIOUS EDUCATION CLASSES 1015 Sunday Kindergarten thru 4th grades 1130 Pre-school 1530 Wednesday First thru sixth 1900 seventh & eighth (Junior High)

JEWISH SERVICES EAST WING ALL FAITH CHAPEL 2000 Sabbath Services every Friday

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

Picnic ducats on sale

Some tickets are still available for the annual picnic to be held by the All Faith Chapel's Catholic Congregation tomorrow at Inyokern Park.

The ducats are priced at \$2 for all those persons over 12 years of age. Youths between the ages of 5 and 11 must pay \$1, and children under 4 years of age will be admitted free.

The maximum amount of money a single family will have to pay is \$8. The tickets can be purchased at the Chapel office.

COM schedules dance

The Good Times Music Company will play for a dance tonight at the Commissioned Officers' Mess, beginning at 9 o'clock.

Roy Moss, club manager, invites all members and their guests to come out for an evening of fun.

The Rocketeer

Official Weekly Publication Naval Weapons Center China Lake, California

RAdm. Rowland G. Freeman III NWC Commander

Dr. G. L. Hollingsworth Technical Director

Technical Information Department

Don R. Yockey Editor

Jack C. Lindsey Associate Editor

Ron Allen Staff Photographer



DEADLINES: News Stories: Tuesday, 4:30 p.m. Photographs: Tuesday, 11:30 a.m. The Rocketeer receives Armed Forces Press Service material. All are official U. S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with Nav Exos P35, revised January 1974. Office at Nimitz and Lauriers. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense. Phones: 3354, 3355, 2347



By Jack Lindsey

Sports question of the week. Why is it the average tennis fan doesn't like Jimmy Connors?

He's tried very hard in the last few months to alter his image. He's going to play on the Davis Cup team; he does less fighting and crowd baiting on the courts, and the tennis wonder of the ages is back kissing Chris Evert in public.

Myself, I'm a fan of his. Manuel Orantes made Jimbo look bad at Forest Hills over the weekend in the finals of the U.S. Open tennis championships, but I'll take Connors any day over the long haul.

I'll admit, Orantes played a terrific tennis game. He out-thought Jimbo throughout the entire match, and certainly deserved to win. But the many catcalls from the gallery during the match directed at Jimmy were undeserved. He played like a true champion. With every swing of the racket, you could hear him dispel his breath. He was giving his all and he tried with all his being.

What more can this country ask of its champions?

The fact that he's loud and boisterous means little. What really matters is how he performs on the tennis courts. People don't pay good money at the admission gates to hear Jimmy talk, or peek into his private life. They pay to see him play tennis—and for that, they're well rewarded.

**Lifetime Sport**

Speaking of tennis, how many of you know it's what's called a lifetime sport, and is endorsed by the President's Council on Physical Fitness? A good case in point is Fred Hagist, who will be instructing a class for beginners for Special Services.

Fred is approximately 70 years old and he's still going strong. Four years ago, when he was just entering the second half of his life (as he likes to tell it), Fred won the NWC men's singles tennis crown in the China Lake Tennis Club's annual tournament. And, he did it against all of the better players. What's more impressive, he won playing in 94 deg. heat that sapped the strength of some of the other competitors. But not Fred!

He's living evidence that tennis is indeed a lifetime sport. For all of the people out there who have given a lot of thought to taking up the game, now is the time. Check for times and dates with Barbara Revels at the Center gymnasium, NWC ext. 2334. She'll fill you in and maybe get you started toward a title of your own.

**Basketball for Girls**

Girls in grades three through six are eligible to participate in an instructional basketball league now being formed by the Youth Center.

All games will be played at the Youth Gym and will emphasize instruction, sportsmanship, and recreation. The season will begin on Oct. 13 and continue for the next six weeks.

There will be no fee for taking part in this league. However, Youth Center membership for all is mandatory.

All adults interested in serving as coaches or officials for this league are urged to contact Carol Hape by calling the Youth Center, NWC ext. 2909, for further information.



**GETTING IN SHAPE** — The current women's exercise class, taught by Sheila Miller (upper left, in black), is one of the largest yet, according to Wilt Wyman, NWC's athletic director. More than 35 women interested in getting into better physical condition, gaining or losing weight, or overcoming illness, exercise on Monday nights and Thursday mornings. For more information about upcoming classes, contact the Center gymnasium by calling NWC ext. 2334.

**Squash, horseshoe tourneys, plus cross country run slated by 11th Naval District**

The 11th Naval District will sponsor tournaments in squash, horseshoes and cross-country running during the next two months.

The cross-country competition is slated on Sept. 25 at the Navy Golf Course in Mission Gorge (near San Diego).

Five competitors will qualify for the West Coast Navy Cross Country track championship to be conducted from Oct. 6-10 at

**Changes made in hours of operation at swimming pool**

Effective immediately, new hours of operation have been established at the indoor swimming pool at the gymnasium.

They are as follows:  
Open swimming — Monday, 4-6 p.m.; Wednesday and Friday, 4-9 p.m., and on Saturday and Sunday, 1-6 p.m.

Adults only — Monday through Friday, 11 a.m. to 1 p.m., and on Saturday and Sunday, noon to 1 p.m.

Women only — Monday, 6-9 p.m., and on Thursday, 10-11 a.m.

The pool will be closed to open swimming on Tuesdays and Thursdays until further notice. This is due to the many swimming classes being held on those two days. However, the pool will be available at other times on these two days as noted above.

**Entries for 4-mile race to be taken morning of event**

All persons who plan on entering the annual 4-Mile Road Race, sponsored by the Over-the-Hill Track Club, are urged to do so on the morning of the event, rather than contact club officials at this time.

A registration fee of \$5, which includes an annual dues fee, will be charged club members. All others will be asked to pay \$2.50.

The race will begin at the west gate of the Desert Empire Fairgrounds at 1 p.m. on Sunday, Sept. 21. It will be run over a flat course ending at the west gate.

**Tennis Club to hold round-robin tourney**

The China Lake Tennis Club has scheduled a round-robin tennis tournament on Sunday, Sept. 21, for members only.

This tourney, which will be held at the NWC courts, will begin at 8:30 a.m. Players will be grouped according to ability.

To enter, contact Bill McBride by calling 446-3357, or Charlene Newmyer at 446-2845. Players must bring their own tennis balls.

**Wilt's Corner**

**Combination locks now installed on lockers at gym**

By Wilt Wyman  
NWC Athletic Director

Combination locks have now been obtained for all lockers at the gymnasium. These combination locks will be issued by Barbara Revels, gymnasium secretary, between the hours of 9 a.m. and 2 p.m., Monday through Friday.

Hopefully, this will cut down on some of the pilferage at the gymnasium, but cooperation is needed by gym users. Be sure that all valuables are either left at home or safely locked away.

Incidentally, some lockers are still available. Check with Barbara.

**Handball Court Construction**

It is not yet known when construction of the new handball court will be completed. However, Seabee units have been working diligently on this project and construction is progressing rapidly.

With the popularity of handball and racketball in this area, court reservations have been quite a problem. Reservations will be taken after 11 a.m. on one day for court use the following day. Please be patient, as the new court will be available within a few weeks.

**Tennis Classes Delayed**

The tennis classes, which were supposed to have started this week, will begin on Tuesday. Sign-ups and waiting lists are being accepted for later classes.

The next six week series of instruction in tennis is scheduled to begin on Oct. 28. Contact me by calling NWC ext. 2334 for more information.

**Sign-ups end Mon. for soccer league**

Registration for the youth soccer league will close on Monday.

All Navy military personnel—active duty officers and enlisted men—are eligible to compete in any of these tournaments. For more information, contact Wilt Wyman by calling NWC ext. 2334.

**Youth bowling sign-ups scheduled this weekend**

The registration date for junior bowling leagues at Hall Memorial Lanes has been changed from Sept. 20 to tomorrow and Sunday.

Sign-ups will be held from 11 a.m. to 1 p.m. on both days at Hall Lanes. A registration fee of \$1 will be payable at that time.

For more information, contact Dean Ray by calling NWC ext. 3471.



**BOWLING WINNERS** — Rear Admiral R. G. Freeman III, NWC Commander (c), presented trophies recently to DTC John King (l.) and AT2 Steve Holder, as the result of the two men's stellar bowling scores in the recent "Admiral's Cup Competition" kegling finals. King was the singles winner with a 678 total, representing NWC, while Holder captured the doubles title with his partner, Wally Wellman. The latter two men are stationed at NAF. They scored a total of 1,340 pins.

—Photo by Ron Allen

**LCdr. John King elected to fill vacancy on CLCC bd. of directors**

Election of a new member to fill the vacancy left by the resignation of a former member, and a report on the proposed development of a bicycle moto-cross track, highlighted Tuesday night's meeting of the China Lake Community Council's board of directors.

LCdr. John King, a career Navy man who is now serving as the Electronic Warfare Department's Electronic Warfare Officer, was chosen to replace Richard Wolff, who has moved off the Center.

Regarding the bicycle moto-cross, Wilt Wyman, chairman of the CLCC committee appointed to look into this matter, reported on discussions he has held with Ron Brumett, acting planning director for the City of Ridgecrest.

Members of the Ridgecrest City Council's Recreation Committee reportedly have agreed on a site at Ridgecrest Park (where restrooms and parking facilities are available) for the possible development of a bicycle moto-cross track. A decision on whether or not to proceed with joining the Community Council in sharing the cost of such a recreation facility is expected at the Ridgecrest City Council's next meeting on

Sept. 17.

Animal control problems in the local area also were aired during this week's Community Council meeting by Mert Davis, animal control officer. Davis is open to suggestions from any and all local residents regarding what can be done to alleviate the problem of how to best handle the problem of the steadily increasing number of unwanted domestic animals.

From January 1973 to December 1974, Davis noted, 4,423 dogs were picked up, but of this total just 1,300 were released to their owners or other homes were found for them. The remainder had to be disposed of at a cost to taxpayers that has grown steadily due to the number involved.

During the same period, 2,500 cats were picked up, but only 54 were claimed by their owners or given away.

Davis expressed hope that a fund of \$5,000 or \$6,000 could be raised and used to offer rebates to pet owners who agree to have their pets spayed or neutered. Opening a clinic for this purpose would be prohibitively high for an area of this size. The animal control officer estimated that just to open the doors of such a clinic would cost as much as \$25,000 a year.

**Teachers' pay agreement reached**

Opening of the new school year on Wednesday morning was preceded by a meeting which began Monday night and didn't break up until shortly before 7 a.m. Tuesday. The result was a joint agreement that followed lengthy negotiations regarding teachers' salary and fringe benefits.

The conferees were representatives of the school district's board of education and administration and the Certificated Employee Council (CEC). Separate negotiations are still being continued in regard to salary and fringe benefit changes for the district's classified employees.

Agreed to during Monday night's marathon session was a California Teachers' Association insurance plan for 1975-76 and the continuation of procedures adopted last year for the selection of an insurance program under which the teachers will receive major medical coverage, as well as reimbursement for the cost of prescription drugs, dental and vision care.

**Year-round Effort**

The agreement between the school district and CEC also calls for year-round involvement by the Desert Area Teachers' Association (DATA) in budget development and planning.

Also agreed to were salary increases totalling \$311,755 (roughly a 7½ per cent pay

**Deadline is Sept. 19 to file apprentice program applications**

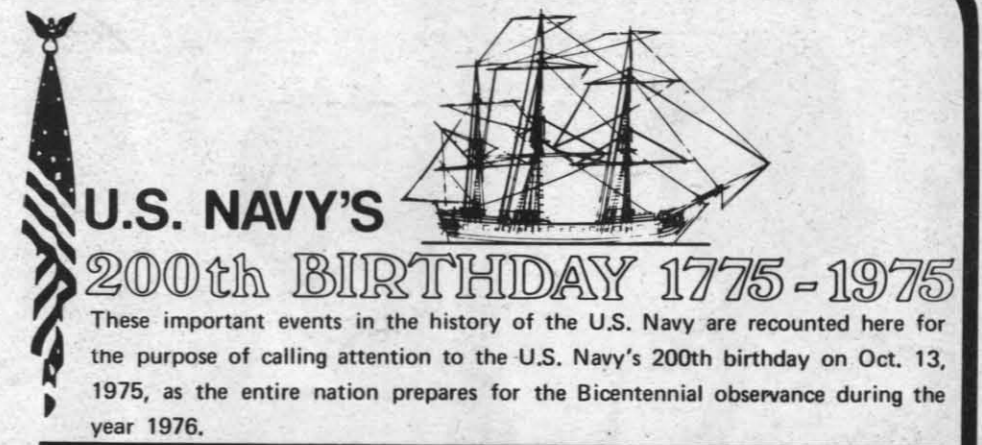
Next Friday, Sept. 19, is the deadline for interested persons to apply for 20 apprentice positions at the Naval Weapons Center by filing a completed application form with the Los Angeles Area Office of the Civil Service Commission.

The 20 apprentice training positions will be divided between the trades of electronics mechanic and machinist, and all positions will be filled from the lists of eligible candidates provided by the CSC.

Since this will be the only chance that prospective apprentice trainees will have to apply for another two years, anyone who has an interest in such training is urged to obtain an application from Dixie Shanahan, the employment information receptionist, who is located in Rm. 100 of the Personnel Department.

A written test is required, and selections will be made in November.

Successful candidates will enter the four year program as first year apprentices. After successful completion of each year's training, apprentices will be advanced through second, third and fourth year apprentice status with periodic pay increases.



Traditionally in the United States when a war ended, most development work on weaponry ceased until the next war threatened. However, at the end of World War II, research and development of naval weapons to discourage enemy aggression was continued at NOTS (now NWC). Weapon Able (dubbed the "Flying Milk Bottle"), a long-range antisubmarine rocket designed for shipboard launchings, was an early result of the effort.

**Meetings scheduled for review of United Way agency budget requests**

A series of meetings to review the budget requests of member agencies of the United Way of Indian Wells Valley will be held from Monday through Friday of next week.

During these meetings, the budget committee, headed by Dr. Jack Eisel, will have the opportunity to review last year's program with spokesmen for various member agencies, and go over their requests for 1976 to insure that they are appropriate for the kinds of services each is set up to provide.

According to Dr. James Stanford, president of the United Way's board of directors, a total of \$25,000 has been set for

the Ridgecrest part of the 1976 United Way campaign, which will be held from Oct. 1 to 28.

United Way member agencies also will be aided financially by the contributions of Naval Weapons Center employees and military personnel during the annual Combined Federal Campaign that will be carried out from Oct. 1 through 15.

The upcoming review of United Way member agency requests will be carried out during meetings that will be held at the Community Center. On each day next week, time will be set aside from 11:30 a.m. to 12:30 p.m. for the first agency listed, while the budgets for the other agencies on that day will be discussed from 7 to 8 and 8 to 9 p.m., respectively.

The United Fund member agencies, in the order that they will be seen daily from Sept. 15 through 19, are as follows:

Monday, Sept. 15—IWV Association for the Retarded, Homemaker Service of IWV, and China Lake Mountain Rescue Group.

Tuesday, Sept. 16—American Red Cross, Campfire Girls, and Legal of IWV.

Wednesday, Sept. 17—Girl Scouts, Salvation Army, and Boy Scouts.

Thursday, Sept. 18—Children's Home Society, Desert Counseling Center, and One-to-One.

Friday, Sept. 19—Children's Hospital of Los Angeles, IWV Campership Child Welfare Fund, and Help Line along with Travelers' Aid and the USO.

Members of the United Way budget committee, in addition to Dr. Eisel, the chairman, are Lucia Essig, the Rev. John Forney, Joe Lopez, Lita Reid and Jerry Zaharias.

**Award presented . . .**

(Continued from Page 1)

Weapons Center's lands are now regarded as an invaluable outdoor laboratory for such institutions as California State University at Long Beach, California State University at Fresno and the Los Angeles Museum of Natural History.



**RECEIVES COMMENDATION** — Rear Admiral R. G. Freeman III, NWC Commander (r.), watches as Kathie Baker pins the Joint Service Commendation Medal on the uniform of her husband, Cdr. James H. Baker, NWC's Deputy Director of Supply. Cdr. Baker received the award for "exceptional outstanding service as Chief, Systems Branch, Programs and Management Office, Procurement and Production Directorate, Headquarters Defense Supply Agency, in Washington." According to the citation that accompanied the award, Cdr. Baker's . . . dedicated effort toward the exportation of the Standard Automated Material Management System to all Defense Supply Centers, and his continuous drive to upgrade the effectiveness of the system, prevented any possible degradation of the procurement mission." The new Deputy Director of Supply reported to China Lake on Aug. 1, replacing Cdr. R. B. Nygaard.



WACOM ACTIVITIES TO RESUME — Invitations have been sent to more than 2,000 prospective members to attend the annual membership coffee that will be held by the Women's Auxiliary to the Commissioned Officers' Mess on Tuesday, starting at 9:30 a.m. at the COM. Carol Anderson (at left) and Katie Baron, co-chairman, call attention to the theme of this event, "Show Your Colors," by displaying an American flag. The theme was chosen as a way of placing continuing emphasis on this nation's and the U. S. Navy's 200th birthday.

### Snakes indigenous to desert area to be on display in booth at fair

One of the attractions that will be on display at Joshua Hall during the 25th annual Desert Empire Fair which begins next Wednesday, Sept. 17, will be a booth featuring snakes of all kinds. This special display will be arranged by the valley's "snakemen" — six men who are noted in the local area for capturing poisonous snakes that are delivered to the USC Medical Center, where the snakes' venom is extracted. These men are Mike Robertson and Sterling Endsley, both teachers with the Sierra Sands Unified School District; John Robertson (no relation to Mike) and Ron Britz, who are employees of the Naval Weapons Center; Rich Muir, who works for the Continental Telephone Co., and Don Wheeler, an employee of COMARCO, Inc. "We live in an area where snakes can be encountered, and it is surprising to me how many people don't know which snakes are poisonous and those that are not," Robertson said. "We are hoping that this booth at the fair will help clarify this problem. In addition to displaying both poisonous and non-poisonous reptiles, we will be running a continuous color film slide show about poisonous and non-poisonous desert reptiles," Robertson added.

The booth will be open from 5 until 11 p.m. on Wednesday and Thursday, Sept. 17-18; from 5 p.m. until midnight on Friday, Sept. 19, and from 1 p.m. until midnight on Saturday, Sept. 20. The booth will not be open on Sunday, Sept. 21. Robertson feels that dissemination of information about poisonous snakes is vital — particularly so because the small band of "snakemen" is interested in protecting snakes as much as people. The James Monroe Junior High School biology teacher's interest in herpetology began when he was a sixth grade student, and what started out as a hobby has developed into his life's work. The successful capture of a Mojave green rattlesnake is difficult, Robertson noted. Many are killed when the small bones at the back of their neck are broken by using a "loop." Others die from a thermal overload (excess heat) because they are left in containers in the hot sun. Robertson suggests that persons who encounter a "strange" snake contact either the China Lake Police Division by calling NWC ext. 3323, or the Ridgecrest Police Department, phone 375-5044. The police, in turn, will contact one of the "snakemen," who will attempt to capture the reptile. "Don't feel you have to catch the snake yourself," Robertson advised. "We can do that." Robertson also noted that a shovel or snake hook to lift the snake into a container is the most effective way to preserve the life of the snake. "Do not set the container out in the sun. Either store it in the shade or an air conditioned area," Robertson said. Preserving the life of a Mojave green for its venom is extremely important. A Mojave green is considered by Dr. Finey Russell of the USC Medical Center to be the most poisonous snake in North America. "Only 10mm of the green's venom will kill a 160 lb. man," Robertson pointed out. The anti-venom serum for a Mojave green's bite costs approximately \$100 per ampule, and approximately 40 ampules are needed to treat a severe bite. "Provided enough snakes are captured and donated to the USC Medical Center where the anti-venom is made, residents of the Indian Wells Valley unfortunate enough to be bitten by a Mojave green rattler can receive the anti-venom free of charge," Robertson said. Robertson concluded with one more piece of advice for would-be snake catchers. "Identifying a Mojave green by color is not possible, regardless of its name. They have been found in all colors and shades. The only possible way to identify one is by counting its scales, and that can be dangerous. That's why I say that local residents should call us whenever they find a 'strange' snake," Robertson said.

### Desert Empire Fair to begin Sept. 17...

(Continued from Page 1) antique autos, novelty equestrian and marching entries, and the usual color guards, bands, and drill teams. Ronald McDonald, the red-haired clown who represents the McDonald Hamburger chain, will present awards to winners in the various divisions of the parade at the DEF rodeo grounds at 1 p.m. on Saturday, Sept. 20. The midway and carnival will provide five-days of fun and diversion for local fairgoers. Plans call for opening the gates at 5 p.m. on Wednesday, Thursday and Friday, and at 1 p.m. on Saturday and Sunday. In addition to the attractions and sideshows set up by the SJM Fiesta Shows, many local organizations will operate game and food booths on the midway. A complete schedule of events for the five-day fair is printed below on this page of THE ROCKETEER. The local organizations, and the booths they will operate, are as follows: Kiwanis Club of Ridgecrest, pizza and soft

drinks; the Eagles Lodge of Ridgecrest, Mexican food; Fleet Reserve Association, ice cream and milk; Knights of Columbus, hamburgers; Ridgecrest Chamber of Commerce, beer; the Loyal Order of Moose, Mooseburger; Lions Club of IWV, corn-on-the-cob; American Legion Post No. 684, hot dogs; Eagles Auxiliary, soft drinks; St. Ann's Church, diet drinks; the Valley Riders Association, a beer booth, and the NAACP, fried chicken. Game booths will be operated by the Association for the Retarded, the Veterans of Foreign Wars, and the Burros Pep Club. Contests, ranging from bubble gum blowing to horseshoes to watermelon eating will be held throughout the five-day celebration (see schedule). Other special events will include a horse show sponsored by the Hi Desert Empire Horse Show Association on Sunday, beginning at 8 a.m. at the rodeo arena; a cross-country race staged by the Over-the-Hill Track Club, also on Sunday, and exhibits and competitions galore under the roof of Joshua Hall. The Burroughs High School Stage Band

will present concerts on Wednesday, Thursday and Saturday, while the Mojave Green's Blue Grass Music group will provide entertainment on Friday evening. Tony Martin, secretary and manager of the 53rd Agricultural District's Desert Empire Fair, is looking forward to what he calls "The best fair yet." He has had plenty of assistance in planning the annual event. Dick Mahan heads the entertainment committee and Bob McGill coordinated the Joshua Hall exhibits. Willy Johnson, assisted by Carl Johnson and Ev Tunget, was in charge of competitions. Others who made the fair possible, including board president Waters, are Roy Martin, vice president of the DEF board of directors, who was in charge of the Gullywhomper (a special newspaper) and the 25th anniversary DEF booth; Al Klassen, animal exhibits, and Gene Richardson, parade co-chairman. The annual pancake breakfast, sponsored by the Lions Club, will be held on Saturday morning, beginning at 7 o'clock, in the parking lot of the Midway shopping center.

### Schedule of events for 1975 DEF

Table with columns for Day, Time, Event, and Location. Includes events for Wednesday, Thursday, Friday, and Sunday.

### Move to be made soon into new Bachelor Enlisted Quarters

Moving day is fast approaching for the single men of Air Test and Evaluation Squadron Five (VX-5), who are scheduled to be the first group of sailors to occupy the new Bachelor Enlisted Quarters, (BEQ) at the Naval Weapons Center.

According to Lt. David Herrington, personnel officer at the Naval Air Facility, who is coordinating the move, it is estimated that the VX-5 sailors will be moving by the latter part of this month from their present quarters in Barracks 4 and on

the lower deck of Barracks 1 into the first of the three new BEQ complexes. Thereafter, Navy acceptance of BEQ complexes Nos. 2 and 3 from the contractor is expected at two-week intervals. BEQ complex No. 2 is being set aside for

single Navy enlisted women (WAVES) who are now living at 77-B Bard St., and also will be used as the central office for the new BEQ. Complex No. 3 of the new BEQs will be occupied by NWC support personnel and single sailors from the Naval Air Facility who are the present occupants of Barracks 3 and the upper deck of Barracks 1.

Since just the initial outlay for funds to furnish the new BEQs has been received, living conditions at first will be somewhat spartan for the enlisted men moving into their new quarters from Barracks 1 and 3, Lt. Herrington noted.

Once the remaining funds are received, the additional furniture that is still needed for the new BEQs will be purchased and installed. The interiors of the new BEQs are laid out according to a Navy-wide plan that calls for individual modules — each of which includes a lounge that has four bedrooms leading from it.

#### TV Sets To Be Provided

The furnishings of each lounge will include a 17-in. color television set, while the separate rooms for the individual enlisted men or women will each have a 6.1 cubic ft. refrigerator as part of its furnishings. Because asphalt tile is expensive and difficult to acquire (due to the shortage of petroleum products) carpeting for the halls and rooms of the new BEQs is being laid directly on top of the concrete floors.

Chief Signalman Henry H. Taylor, a graduate of the BEQ Management School in Memphis, Tenn., will be the manager of the Center's new BEQs. Assisting him as the supervisor of one of the BEQ complexes will be Jerry M. Barler, a boatswain's mate 2nd class, who is now attending the same school in Memphis.

While Barracks Nos. 1 through 4 are scheduled for demolition by the contractor (the Cardan Co. of Los Angeles), after useful materials and equipment have first been salvaged by the Navy and then the Public Works Department, Barracks 880 is to be retained and used for the Center's transient population of enlisted personnel.

#### Barracks 880 for Transient Use

According to Lt. Herrington, nearly 100 Marines and 100 Seabees are now at China Lake, along with smaller groups ranging from 11 to 14 members. Keeping Barracks 880 intact will enable the Center to accommodate a transient population of around 200 enlisted personnel.

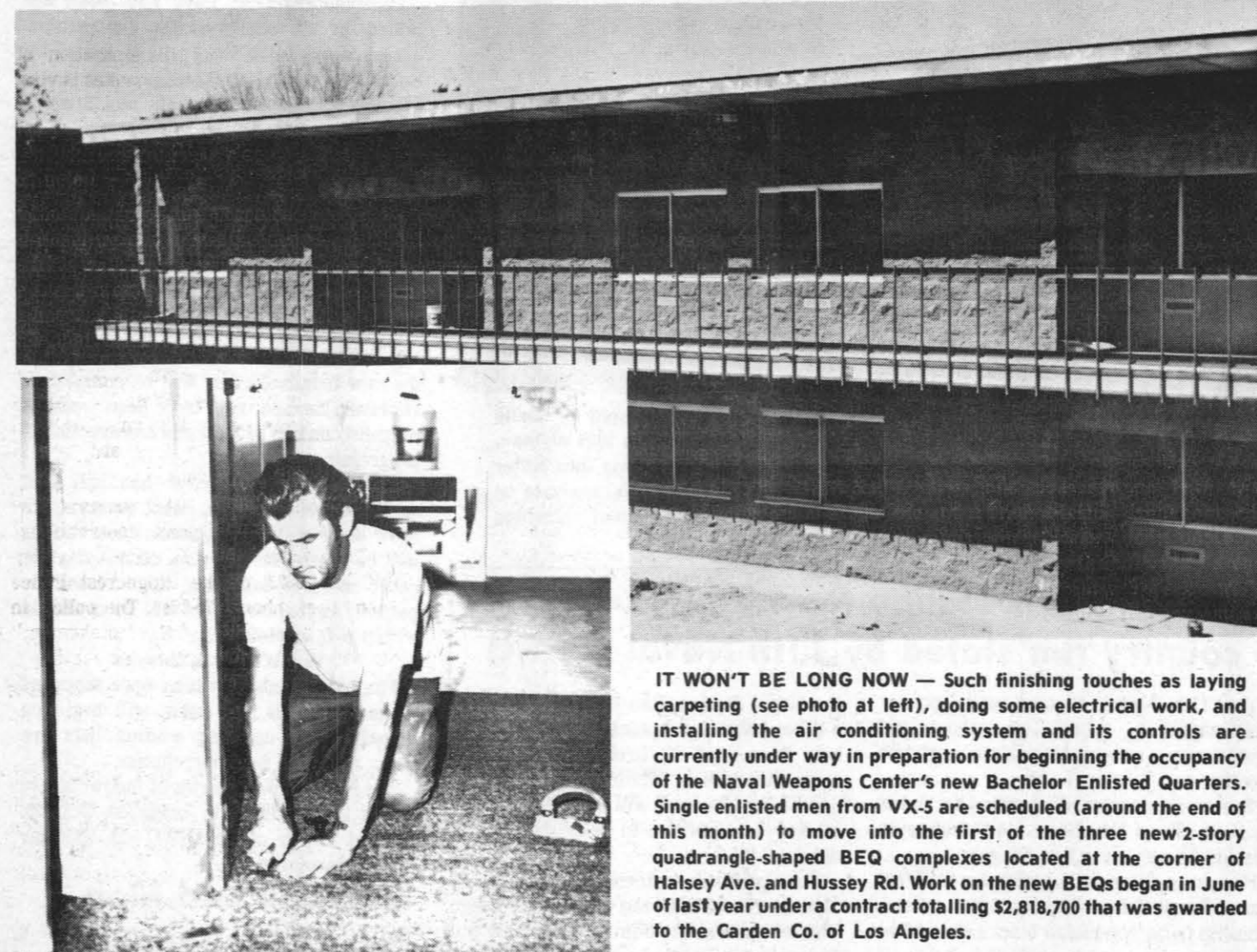
At the present time, NWC is trying to obtain some new, light furniture from San Diego for use in Barracks 880, and by about next April or May it is expected that all of the rooms in Barracks 880 will be equipped with this type of furnishings.

Work on the new Bachelor Enlisted Quarters at China Lake was started in June of last year under a contract in the amount of \$2,818,700 that was awarded to the Cardan Co. The three new 2-story quadrangle-shaped BEQ complexes, which feature a split-face masonry type of construction, replace the older wood frame and stucco barracks that were built here in the early days of NWC (formerly the Naval Ordnance Test Station).

#### Panel discussion set on women and credit

A bonus Brown-Bag Seminar has been arranged this month, dealing with the subject of women and credit. The meeting will be held next Wednesday, Sept. 17, at 11:30 a.m. in the Community Center. Attendees are reminded to bring sack lunches.

A panel of credit specialists will be available to answer questions on how women can obtain credit and other aspects of this subject. Panelists will be Evelyn Hulín, of the NWC Federal Credit Union; Mary Flores, of the Ridgecrest Branch of Bank of America; Peggy Moote, assistant manager of Security Pacific Bank of Ridgecrest, and Marie Morgan Lint, manager of the China Lake-Ridgecrest Credit Bureau.



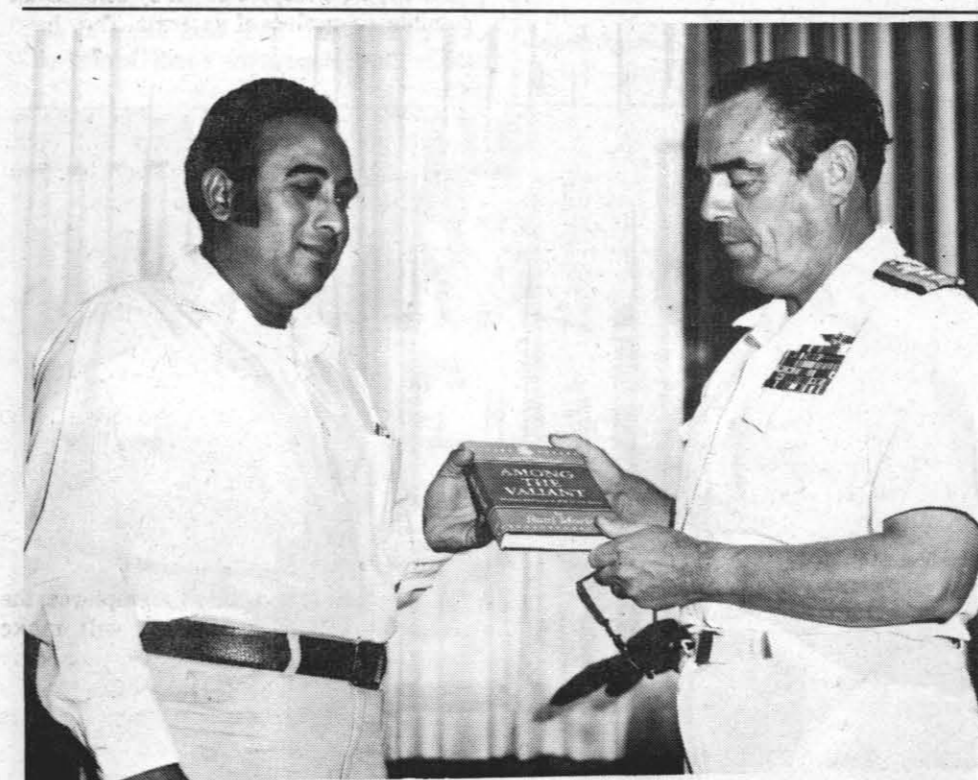
IT WON'T BE LONG NOW — Such finishing touches as laying carpeting (see photo at left), doing some electrical work, and installing the air conditioning system and its controls are currently under way in preparation for beginning the occupancy of the Naval Weapons Center's new Bachelor Enlisted Quarters. Single enlisted men from VX-5 are scheduled (around the end of this month) to move into the first of the three new 2-story quadrangle-shaped BEQ complexes located at the corner of Halsey Ave. and Hussey Rd. Work on the new BEQs began in June of last year under a contract totaling \$2,818,700 that was awarded to the Cardan Co. of Los Angeles.

### Mobile high pressure clean air cart...

(Continued from Page 1) The Mechanical Branch of the Public Works Department's Engineering Division, designed the cart, which was then built by Don Willitt, a pipefitter, under the supervision of Loren Chadwick, a pipefitter foreman in the Public Works Department's Pipeshop Branch. The heart of this system, which is capable of delivering a constant pressure output, is a non-lubricated, air driven, double acting single stage gas booster compressor that is designed to supply gas free of hydrocarbon contamination. The complete system has been

hydrostatically tested and certified for pressures up to 3,500 psig, while cleaning and dehydration has reduced particle contamination to a maximum particle size of 5 microns with a moisture content no greater than minus 90 deg. dewpoint at 1 atmosphere. Because no air purification system is provided, air of a known quality must be used when charging the receivers. Nevertheless, a purification package could be added if required, Tooker stated. Don Watke, an electronics engineer in Code 5163, will be the primary operator of the mobile high pressure clean air cart,

which will be in demand every day when the Infrared Weapons Branch is conducting flight tests. Two other men also will be trained to use the cart. Week of Sept. 14-20 to focus spotlight on Hispanic heritage In order to focus attention on the many contributions of the more than 10 million Americans of Spanish origin, President Ford recently proclaimed the week of Sept. 14-20 to be "National Hispanic Heritage Week."



SKIPPER RECEIVES BOOK — Joe Lopez, Jr., the Naval Weapons Center's Spanish Speaking Program Coordinator and a member of the Center's EEO Committee, recently presented a book entitled "Among The Valiant" to Rear Admiral R. G. Freeman III, NWC Commander. The publication, which is all about Spanish-Americans who have won this nation's highest military honor — the Congressional Medal of Honor — was given to the Skipper to call attention to the fact that the week of Sept. 14-20 has been designated "National Hispanic Heritage Week." —Photo by Ron Allen

During this special period, programs of art, music, fiestas, speakers and dancers will be offered in many locales throughout the nation. In particular, within the City of Los Angeles, a great number of programs have been arranged, including a special fiesta at Olvera Street and a parade in East Los Angeles. The latter will deal mainly with the Mexican/American celebration of "El Grito de Dolores" (the cry from the town of Dolores), which calls attention of the day Mexico proclaimed its independent from Spain on Sept. 16, 1810. Locally, Don Cook, librarian in charge of the Center Library, has added a section of books about Spanish-speaking minorities. During Hispanic Heritage Week, he plans to feature books, magazines, posters, calendars and other displays that tie in with this theme.

Entry date extended The deadline for entries into the Desert Empire Fair parade, which will be held on Saturday, Sept. 20, has been extended until Tuesday. This is being done because of the influx of late entries, according to Gene Richardson, parade chairman. All those who want to enter the parade should contact the DEF office by calling 375-8000 for information.

### Employees off work 5 or more days must see Medical Officer

Naval Weapons Center employees who are absent from work due to either illness or injury for five or more consecutive work-days are required to report to Dr. D. S. Rausten, the NWC Industrial Medical Officer, before returning to the job. At the time that he sees the employee, the Industrial Medical Officer will make whatever examination he considers necessary, considering the nature of the individual's illness or injury and the nature of the employee's duties. Dr. Rausten has requested that employees who report to him under the above conditions bring with them information from their private physician (if they required the services of a private physician) concerning the nature of the illness or injury, the treatment, and any limitations which should be observed in returning the employee to duty.