

### Concert Ass'n will begin ticket sales campaign on Sept. 15

The new member ticket sales campaign of the Indian Wells Valley Concert Association (formerly the China Lake Civic Concert Association) will be held from Sept. 15 to Oct. 10.

Seating assignments for new members will be made at the time the order is received. The number to call for seating assignments is 446-2287.

Those who were members last season have until Sept. 11 to renew and retain their seats. A seat exchange will be held on Sept. 11 for those wishing to change seating in the Center Theater, where the concerts are held. This meeting will begin at 6:30 p.m. at the Maturango Museum.

Seats are priced at \$20, \$17 and \$14, depending upon their location. Special half-price rates are available for youths under the age of 21, enlisted military personnel, and senior citizens who are 65 years of age and older.

The Concert Association has lined up five top concerts for the 1975-76 season, beginning on Wednesday, Oct. 15, with a visit from the "Slovak National Folkloric Ensemble."

Longstreth and Escosa, duo-harpists, who first played here four years ago, will return on Monday, Nov. 24. The Western Opera Theater, a division of the San Francisco Opera Co., will perform Mozart's "The Marriage of Figaro" on Tuesday, March 2.

The Annapolis Brass Quintet is scheduled for Thursday, March 18, and the final concert of the season will take place on Thursday, May 6, when the Cologne Chamber Orchestra, under the baton of Helmut Muller-Bruhl, will perform for local music lovers.

### Ballet Society to hold registration on Sept. 12

Registration for the 1975-76 season of the China Lake Ballet Society will be held next Friday, Sept. 12, at the ballet hut located at Rowe and Langley Sts.

Continuing students will be signed up from 1 through 2:30 p.m., while newcomers will be registered from 2:30 through 5 p.m.

Classes in acrobatic dancing for boys have been added to the program of instruction offered by the China Lake Ballet Society. These new classes will be taught by Kevin Specht, newest member of the teaching staff. Other instructors are Georgia Knutsen, Dori Morrione and Carol Wooldridge.

Additional information can be obtained by calling either Mrs. Knutsen at 375-2549 or Mrs. Wooldridge at 375-4967.



**NOW A LIEUTENANT COMMANDER** — Capt. C. B. Olson (l.), Commanding Officer of the Naval Air Facility, and Julia Blakeney recently pinned new lieutenant commander collar insignia on James H. Blakeney. Lt. Blakeney has taken over the duties of NAF's assistant maintenance officer following the promotion. He came to China Lake in February after serving as the catapult officer on board the aircraft carrier USS Coral Sea. A graduate of the U.S. Naval Academy in 1966, Lt. Blakeney entered the Navy as an enlisted man in February 1961. He received his pilot's wings at Kingsville, Tex. The new lieutenant commander also made a tour with Attack Squadron 64 on board the aircraft carrier USS Independence. —Photo by Ray Hocker



**MEMBERSHIP COFFEE SLATED** — Barbara Hartman, Candace Pierce, Barbara Meggers and Marianne Kistler (l.-r.) look over some of the floral arrangements that will be on display during the Oasis Garden Club's membership coffee, set for Thursday, Sept. 11, from 9:30 to 11:30 a.m. at the home of Dr. and Mrs. G. L. Hollingsworth. The Hollingsworth residence is located at 510 Lexington Ave., China Lake. All persons interested in becoming a member of this active garden club are invited to attend the coffee. Arrangements have been made for an open gate policy so that those who live in Ridgcrest can attend. Refreshments will be served. —Photo by Ron Allen

### 25th annual Desert Empire Fair to begin Sept. 17 in Ridgcrest

Plenty of excitement is heading this way as plans for the 25th annual Desert Empire Fair are being finalized.

As this will be the silver anniversary of the fair, the theme chosen is "From Sand to Silver," submitted by Roberta Leighton, co-chairman of the Parade Committee, along with Gene Richardson.

According to Mrs. Leighton, the theme points to the local story of progress as shown by the rapid growth of Ridgcrest and China Lake in the past 25 years.

The fair will begin on Wednesday, Sept. 17, when the S.J.M. Fiesta Shows opens its carnival midway on the Desert Empire Fairgrounds. Plans call for the carny and the game booths and food stands to be open on Wednesday and Thursday from approximately 5 until 11 p.m. On Friday evening, the sideshow and ride attractions will continue until midnight — or later — and the fairgrounds will be open from approximately 10 a.m. until midnight on Saturday.

Saturday is always a big day during the fair. The annual DEF parade will be held on Saturday, Sept. 20, beginning at 10 a.m. State Senator Walter Stiern has been

selected to be Grand Marshal in recognition of his efforts in creating the 53rd District Agricultural Association, to which the DEF now belongs.

The parade this year, according to Richardson, will be "bigger and better than ever." It will begin at Triangle Drive — located at the extreme north end of China Lake Blvd. — and will continue down the boulevard to California Ave., where it will turn and end. The parade is expected to last approximately two hours.

Entered will be equestrian units of all kinds and varieties. These will be judged this year by Clyde Goehring, a professional equestrian judge from Tehachapi.

In addition, marching bands, color guards, floats depicting variations on the parade's theme, clowns, antique autos, and many other entries, will participate in the parade. Ronald McDonald, the red-haired clown who represents the McDonald's Hamburger outlet chain, will be in the parade and has been asked to hand out trophies at the DEF rodeo grounds following the conclusion of this event.

Naturally, the usual food and game booths will be operated on the midway at the fairgrounds by local clubs and organizations. Fairgoers will be able to enjoy the numerous carnival rides and then find a wide variety of food and refreshments to satisfy their appetite or quench their thirst.

At Joshua Hall, located on the fairgrounds, entries in the DEF competitions will be on display. In addition, the fair will include such events as turtle races, judging of pets, beard and costume contests. A more complete schedule of these events will appear in next week's issue of THE ROCKETEER.

The silver anniversary edition of the Desert Empire Fair will conclude on Sunday, Sept. 21. The fairgrounds will be open from approximately noon until 9 or 10 p.m. on the final day.

**Harvest Moon Ball set**  
The fifth annual "Harvest Moon Ball," sponsored by the Ridgcrest Chamber of Commerce, will be held next Friday, Sept. 12, at Joshua Hall on the Desert Empire Fairgrounds.

Art DePew, noted Hollywood band leader, and his group, will provide the music for the affair from 8 until midnight. A buffet dinner will be served at 7 p.m. On the menu will be roast beef and turkey, and ham.

Tickets for the semi-formal dance are priced at \$10 per person. They will be available at the door next Friday evening.

## 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. 5 SEPT.

"MASSACRE IN ROME" (104 Min.)  
Richard Burton, Marcello Mastroianni  
(Action Drama) A German colonel is forced to kill 330 hostages in retaliation for the slaying of 33 Nazi soldiers during the occupation of Rome. (PG)

SAT. 6 SEPT.

"HANDS OF THE RIPPER" (92 Min.)  
Eric Porter, Jane Marrow  
(Horror) Amidst an array of magnificently opulent Victorian settings, London shrink Eric Porter decides to try out a few of the new theories of "this fellow Freud" by taking a murderously schizoid damsel under his paternal wing—only to get stuck in the side for his pains. (R)

SUN. 7 SEPT.

"FUNNY LADY" (138 Min.)  
Barbara Streisand, James Caan  
(Musical Comedy) Further musical and dramatic adventures of Fanny Brice. This movie centers around her second marriage to Billy Rose and the tribulations after once again meeting her first husband, Nick Arnstein, who she finally sees as a phony. Unfortunately, her second marriage ends badly as her husband takes up with other women. At the pinnacle of show business success, she is again left with a lonely heart. (PG)

MON. 8 SEPT.

"THE LAST PICTURE SHOW" (118 Min.)  
Timothy Bottoms, Cloris Leachman  
(Drama) Brilliant, stunningly told, extraordinarily crafted drama of growing up and sexual striving in a stifling, lackluster Texas town in early 1950s. (R)

TUE. 9 SEPT.

"THE BEARS AND I" (89 Min.)  
Patrick Wayne, Chief Van George  
(Human Interest Story) Patrick Wayne plays a Vietnam veteran who seeks peace and quiet through a return to nature. He rents an isolated cabin in the mountains and adopts three bear cubs whose mother has been shot by hunters. (G)

WED. 10 SEPT.

"THE MAN WHO LOVED CAT DANCING" (115 Min.)  
Burt Reynolds, Sarah Miles  
(Drama) A blend of love story and high adventure set in the American west of the 1880s. (PG)

THURS. 11 SEPT.

"ROSEBUD" (126 Min.)  
Peter O'Toole, Richard Attenborough  
(Drama) Rosebud is the name of the luxury yacht from which five wealthy girls are kidnapped by the Black September faction of the Palestine Liberation Organization. A CIA operative, Peter O'Toole, posing as a Newsweek international reporter, is enlisted to locate and negotiate the girls' safe return. (PG)

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)

### WACOM Thrift Shop slates half-price sale

The Women's Auxiliary of the Commissioned Officers' Mess, operators of the Thrift Shop, has announced that the annual "half-price sale" will be held on Tuesday and Thursday of next week.

The Thrift Shop is open from 7 to 9 p.m. on Tuesday and from 9 to 11 a.m. on Thursday.

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

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



Naval Weapons Center  
China Lake  
California

Vol. XXX, No. 35

## Dr. Rogers cited as 'Outstanding Woman Mgr.' in CNM Labs

### Award presented by Adm. F. H. Michaelis at Fed'l Women's Program Week banquet



**TOPS IN CNM'S NAVY LABS** — During a Federal Women's Program Week and International Women's Year awards banquet, held Aug. 28 in Washington, D. C., Dr. Marguerite M. Rogers was recognized as the "Outstanding Woman Manager" in the Naval Material Command Laboratories. Presentation of this award to Dr. Rogers, as well as an International Women's Year pin, was made by Admiral F. H. Michaelis, CNM.

Dr. Marguerite M. Rogers, head of the Aircraft Systems Department, was honored Aug. 28 in Washington, D.C., as the "Outstanding Woman Manager" in the Naval Material Command Laboratories.

An award denoting this honor was presented during a banquet held to observe Federal Women's Program Week and International Women's Year at the Commissioned Officers' Mess of the Washington Navy Yard. Admiral F. H. Michaelis, Chief of Naval Material, made the presentation.

Dr. Rogers is the first woman to hold a department head position at the Center (or its predecessor, the U.S. Naval Ordnance Test Station). She also is the only woman in the Navy Department presently holding a Public Law 313 appointment.

Recognized internationally as an expert in the delivery, development, tactical employment and ultimate effectiveness of conventional weapons, Dr. Rogers' service to the Navy dates back to 1943 when she became head of the Optics Section in the Research Department at the Naval Avionics Facility in Indianapolis, Ind. She came to work at China Lake in 1949.

**Reputation Well Known**  
She is currently the Navy's member of an international group composed of representatives from the United Kingdom, Canada, Australia and the United States, and has served on several national ad hoc committees.

A major in physics throughout her undergraduate and post-graduate years at Rice University in Houston, Tex., Dr. Rogers received Phi Beta Kappa honors at the time she was graduated with a bachelor's degree in 1937, as well as when she received her master's degree in 1938 and a Ph.D. degree in 1940. She is the mother of five children and has been active in church and school work, in addition to other community affairs.

At her ranch home in Ridgcrest, Dr. Rogers takes special pleasure in raising Peruvian Paso horses and holds many show ribbons and trophies for her efforts in that field.

During the banquet, Dr. Rogers received a second award—an International Women's Year pin. This also came from Admiral Michaelis, who spoke on the important contributions of women employees throughout the Naval Material Command.

**CLCC directors to meet Tues., prepare for busy time ahead**  
Members of the China Lake Community Council's board of directors will hold their next regular meeting on Tuesday, starting at 7:30 p.m., in the Joshua Rm. of the Community Center.

The meeting, which is open to all interested China Lake residents, is expected to be largely routine in nature as the board members (with the summer vacation season behind) prepare for a busy time this fall.

Still awaiting action is a decision on what to do about the possible development of a bicycle moto-cross track, a proposed project that has been tackled by Wilt Wyman, as chairman.

In addition, the evening's agenda calls for an election to fill the vacancy left by the recent resignation of Richard Wolff, when he moved off the Center.

As of press time, three China Lake residents had submitted their names as candidates. They are John Butler, Lt. Cdr. John King and Ravindra Jain.

Anyone 18 years of age and over who resides at China Lake is eligible to serve on the Community Council's board of directors. Others interested in being considered for election have until Tuesday afternoon to submit their name in nomination by calling Aletha Benson at 446-2739.

## New ideas, equipment contribute to advances in work of Engineering Dept. Failure Analysis Lab

Some new equipment and new ideas on how to use it to detect flaws in electronic components used in guidance sections or fuze circuits is enabling continuing advances to be made in the work performed by personnel of the NWC Engineering Department's Failure Analysis Lab.

According to Joe Arisman, an electronics technician supervisor who is in charge, the basic function of the Failure Analysis Lab is to analyze electronic components that have failed, determine the mode of their failure and its cause, and then correct the problem.

"We like to show that we have the capabilities to screen out potential failures before they occur, since latent failure problems which take place after a particular component has been incorporated into a completed guidance system are many times more costly to correct than if the trouble can be discovered much earlier," Arisman explained.

"The Failure Analysis Lab now has a nearly proven method of screening out defective bond connections by non-destructive methods, but, for added insurance, wants to devote some additional time to verifying its conclusions," the section head added.

Arisman and his co-workers in the Failure Analysis Lab are Robert McArthur, an electronics technician, and Stanley Shefler, a trainee electronics technician. All three are employees of the Reliability, Maintainability Branch in the Engineering Department's Product Assurance Division.

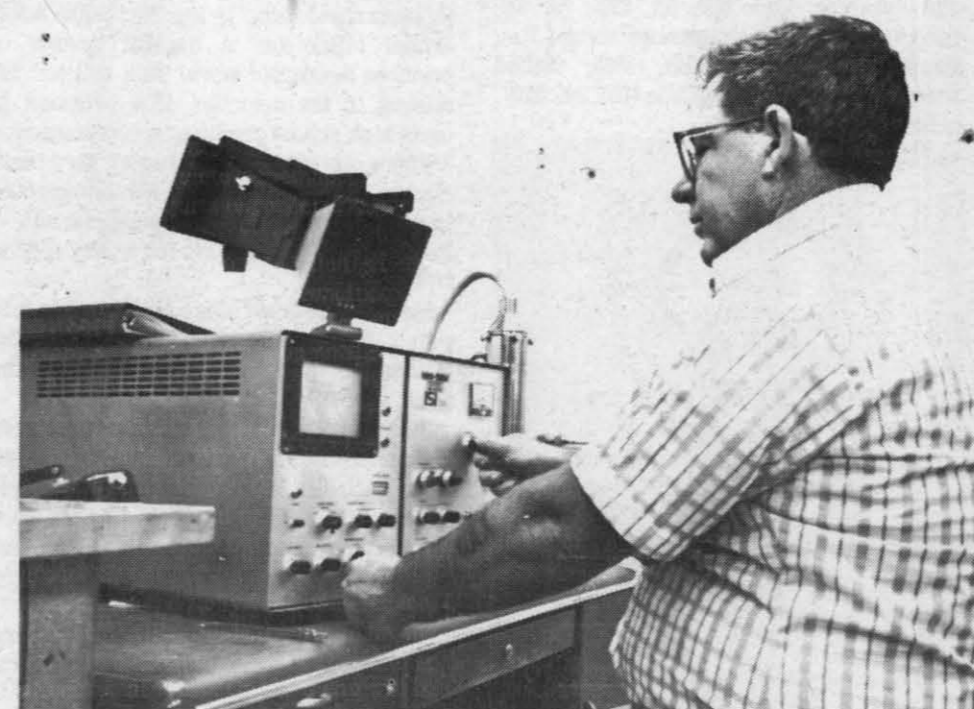
To aid in its high reliability testing work, among the newest acquisitions of Code 55861 personnel is an electron microscope. Using

it, it is possible to examine microcircuits and semi-conductors at a very high range of power (up to 40,000) without running into any depth of field problem. Another advantage of the electron microscope over the regular optical microscope is that the hybrid microcircuits can be tilted to an angle of up to 60 degrees to aid in their examination.

Additional new equipment that is available includes linear and digital integrated circuit test sets and an automatic diode transistor set.

When it is discovered that an electronic component isn't suited for a particular circuit, Failure Analysis Lab employees will test a number of similar components in examination.

(Continued on Page 3)



**VALUABLE NEW GEAR**—An electron microscope, one of the newest pieces of equipment acquired by the Failure Analysis Lab, is used almost entirely to examine semi-conductors for failure mechanisms. Shown at the controls of this valuable device is Joe Arisman, the Code 55861 section head. —Photo by Ron Allen

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**Community to bid farewell to Senior Chaplain R. E. Osman**

A farewell family potluck dinner in honor of Capt. R. E. Osman, senior chaplain at the Naval Weapons Center, and his wife, Esther, will be held on Sunday, starting at 6 p.m., at the Community Center.

Chaplain Osman, who reported for duty at China Lake in December, 1970, is being transferred to the Naval Station at Treasure Island, San Francisco, where he will be both the senior chaplain and serve as district chaplain for the 12th Naval District.

Invitations to attend the farewell fete for



Capt. R. E. Osman, ChC

the Osmans have been extended to all groups associated with the NWC All Faith Chapel.

Floyd Castillo, will be the master of ceremonies for a program of skits and gift presentations that will follow the potluck dinner.

A native of Chester, Pa., Chaplain Osman left his hometown to attend Bob Jones University in South Carolina before moving to New Jersey to finish his schooling at Princeton Theological Seminary.

Two years as a director of Christian education, followed by seven years in the ministry, preceded his entry into the Navy Chaplain Corps in 1952.

Chaplain Osman's duties as senior chaplain of the Naval Weapons Center have been taken over by Capt. Theodore C. Hermann, ChC.

**San Diego group to play for dance at CPO Club**

The "McClintocks," a five-piece group that features a female vocalist, will come here from San Diego to provide the music for a dance tonight on the Chief Petty Officers' Club patio.

The dance will be held from 9 p.m. until 1 a.m. and will be the final event at the CPO pool until next summer.

George Barnard, club manager, also pointed out that the specialty in the dining room tomorrow night will be surf and turf. "All club members should take advantage of this special entree," Barnard said.



**SEPTEMBER A SPECIAL MONTH** — Rear Admiral R. G. Freeman III, NWC Commander (c.), and Ed Winemore (r.), Worshipful Master of the Indian Wells Valley Masonic Lodge No. 691, jointly sign a proclamation setting aside the month of September as "Constitution Observance Month." The special observance is sponsored by individual Masonic lodges on a local basis under the jurisdiction of the Grand Lodge of California. At left is William F. J. Hollen, senior steward of the local lodge and also chairman of the lodge's Constitution Committee. The IWV Masonic Lodge is planning a "Constitution Night" program on Sept. 24, during which two local youth groups will present skits based on the Constitution theme. This affair will be open to the public. — Photo by Ron Allen

**Sign-ups for high school students' Work Experience Program to begin**

Registration for the fall semester of the Burroughs High School Work Experience Program at the Naval Weapons Center will begin on Monday and continue on weekdays through Friday, Sept. 19.

While most NWC employees are familiar with opportunities for varied types of work training that is provided by this program (which is open to juniors and seniors at the local high school), there is some indication that a reminder is in order for the parents of such students.

According to Beryl Strunk, coordinator of NWC's high school Work Experience Program, several departments have indicated a desire to sponsor students during the coming school year.

Student training is the sole purpose of the program, and those participating will be available 2 hours per day on regular work days. Work experience students will be graded on the basis of their records of attendance and participation. Employees working with the students will be asked to provide the information needed for grading to Jim Fekrat, the Burroughs High coordinator.

The high school Work Experience Program is divided into four categories. All departments wishing to sponsor a student, or parents interested in a specific type of assignment, are asked to contact the appropriate coordinator. They are: Alma Cowan, Code 085, ph. 3387, for secretarial, clerical and office support assignments; Pat Sprankle, Code 656, ph. 2925, for administration and management needs; Ray Emerson, Code 3303, ph. 3925, skilled trades; and Don Moore, Code 6052, ph. 3207, science and math.

In order for Burroughs High junior and senior class students to qualify for the Work Experience Program at NWC they must have a sincere interest in the program, cooperate fully with school and NWC personnel involved, and maintain a record of good attendance. In addition, students must have a satisfactory scholastic record for the program elected. This means a grade of B or better in related subjects for those who apply for the administrative and laboratory programs.

Students selected to participate will report to their individual sponsors as soon as the processing work is completed.

**BHS evening classes for adults will get under way Sept. 15**

Again this year, Burroughs High School is offering a great number of evening classes for interested adults.

These classes are high school level. More advanced courses are available at Cerro Coso Community College.

There will be no pre-registration period for the Burroughs High School adult evening classes. Instead, registration will take place in the classroom during the first class period.

The fall semester will begin on Monday, Sept. 15, and end Jan. 30. Any adult interested in working toward a high school diploma should stop by the Burroughs Adult School office for a careful review of previous academic work. This will aid the student in the selection of a program to meet high school graduation requirements.

There is no tuition charge for these classes. However, students will be expected to purchase textbooks and supplies, and — in some cases — pay a lab fee or buy special equipment.

Hours of the adult office are from 6 to 9:30 p.m., Monday through Thursday. Dr. William E. Sanson is coordinator of the adult school.

Some of the classes offered this year include ceramics, painting, study of antiques, bookkeeping, business, mathematics, office skills, English, English as a second language, public speaking, Italian, and industrial art skills such as upholstery and woodshop.

In addition, a course in body conditioning will be offered, and instruction in sports officiating will be available.

For more complete information on the various classes that will be available when school opens, contact the office for a brochure.

**PROMOTIONAL OPPORTUNITIES**

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

Clerk-Typist, GS-322-3 or 4, PD No. 7525014N, Code 2523 — This position is located in the Contract Administration Branch of the Supply Department. Incumbent will maintain office files, receive telephone calls, route mail, type and review out-going correspondence, etc. Job Relevant Criteria: Ability to type efficiently and accurately. Ability to work rapidly and accurately. Reliability and dependability.

File applications for the above with June Adams, Bldg. 34, Rm. 210, Ph. 2371.

Clerk-Typist, GS-322-3/4, PD No. 7184023, Code 8430 — This position is located in the Police Division of the Security Department. The incumbent will screen and distribute incoming mail, type narrative and form reports along with general correspondence, help maintain the complete files and maintain the time cards for all division personnel. Job Relevant Criteria: Incumbent must be a qualified typist, have the ability to maintain files, have a working knowledge of timekeeping procedures.

File applications for the above with Charlotte Sieckowski, Bldg. 34, Rm. 204, Ph. 3118.

Civil (Structural) Engineer, GS-610-07/11, PD No. 7570022, Code 7037 — This position is located in the Structural / Architectural Branch, Engineering Division of the Public Works Department. The purpose of this position is to furnish structural engineering development and design for projects involving new construction, alterations and additions, and maintenance and repair. Projects include structural steel, aluminum, reinforced concrete and wood construction. Job Relevant Criteria: Working knowledge of structural engineering, cost estimating, construction methods and materials. Ability to draw clear, concise and accurate working drawings.

File applications for the above with Terry Rowell, Code 457, Rm. 212, Ph. 2032.

Supervisory General Engineer, GS-801-13, PD No. 7555123, Code 5536 — Position is that of head, Control Design Branch, Engineering Department. Duties include providing supervision and technical direction to a group engaged in design, simulation analysis, product improvement, production support and Fleet support. Consultation as an expert in mechanical/electronics interfaces and their effect on total weapon systems performance is performed for on-and off-Center groups and contractors. Job Relevant Criteria: Experience in project (Continued on Page 7)



**DIVINE SERVICES**

**PROTESTANT**  
 Sunday Worship Service 1015  
 Sunday School — All Ages 0900  
 Wednesday Noon Bible Study 1130  
 Sunday School Classes are held in Chapel Annexes 1, 2, 4 (Dorms 5, 4, 3) located opposite the Center Restaurant. Communion Service first Sunday of the Month.

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

**BLESSED SACRAMENT CHAPEL**  
 MASS  
 Daily except Saturday 1135

**CONFESSIONS**  
 Saturday 1615 to 1645  
 Sunday 0800 to 0825

**RELIGIOUS EDUCATION CLASSES**  
 Sunday Kindergarten thru 8th grades 1015  
 Pre-school 1130  
 Wednesday First thru sixth 1530  
 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  
 Sabbath Services every Friday 2000

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

**Opportunities . . .**

(Continued from Page 2)

planning and supervision. Experience in mechanical design and systems engineering. Broad theoretical knowledge of complex servo controlled systems. Comprehension of practical production and manufacturing techniques. Previous applicants need not reapply.

Clerk-Typist (WAE), GS-322-4, PD No. 055073AM, Code 5513 — This position is located in the Environmental & Standards Division, Engineering Department. Incumbent provides clerical and typing duties to the branch personnel, acts as receptionist, maintains branch files, etc. Job Relevant Criteria: Ability to type efficiently and accurately. Ability to get along with others in work group. Ability to meet deadlines under pressure.

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

Editorial Clerk or Assistant, GS-1067-04/05, PD No. 7535074, Code 5312 — This position is located in the Project Publications Branch of the Technical Information Department. The incumbent prepares manuscripts and production copy by correcting grammar, spelling, and punctuation and putting the text, including tables, headings and figure legends into accepted NWC style and format; provides support services to editors; and performs a variety of clerical tasks. Job Relevant Criteria: Must have knowledge of Center publishing procedures. Must have working knowledge of scientific and engineering terminology. Must be able to deal with a wide variety of people in obtaining information and answering questions.

Secretary (Typing), GS-318-04/05, PD No. 7312007, Code 1201 — This position is secretary to the senior associate in the Weapons Planning Group. Incumbent is secretary to the program director for R&D Planning Studies. Major duties include receiving visitors, telephone calls and mail, typing official correspondence, travel orders, security clearances and itineraries, scheduling conferences and meetings, and maintaining supervisor's calendar and files. Job Relevant Criteria: Proficient typist, thorough knowledge of NWC clerical procedures ability to deal with a wide variety of clerical and administrative procedures, stenographic ability.

File applications for the above with Dora Childers, Code 456, Rm. 210, Ph. 2676.

Clerk-Typist, GS-322-3/4, PD No. 7535104, Code 3506 — This position is located in the HARM Program Office, Electronic Warfare Department. Incumbent types memorandums, maintains files, answers telephones and provides other clerical duties for the program staff. Job Relevant Criteria: Ability to type proficiently, knowledge of IBM Mag Card typewriters. Ability to get along with other people in a work group.

Supervisory Personnel Management Specialist, GS-201-12/13, PD No. 7465034, Code 65 — This is a temporary position NTE one year with the possibility of leading to a permanent assignment. This position is head of a Personnel Services Division in the Personnel Department. Incumbent is responsible, through several subordinate Personnel Management Specialists, for providing the full range of personnel management services to several technical / support departments. Incumbent will provide the more difficult management advisory services on the more complex personnel management practices / principles. Job Relevant Criteria: Experience in a generalist personnel position or experience in all four functional specialties. Ability to apply a high degree of technical skill, knowledge and judgement to the personnel management functions in an R&D environment. Knowledgeable in, and capable of, relating the behavioral sciences to personnel administration. Advanced degree and/or evidence of continued self-development desired.

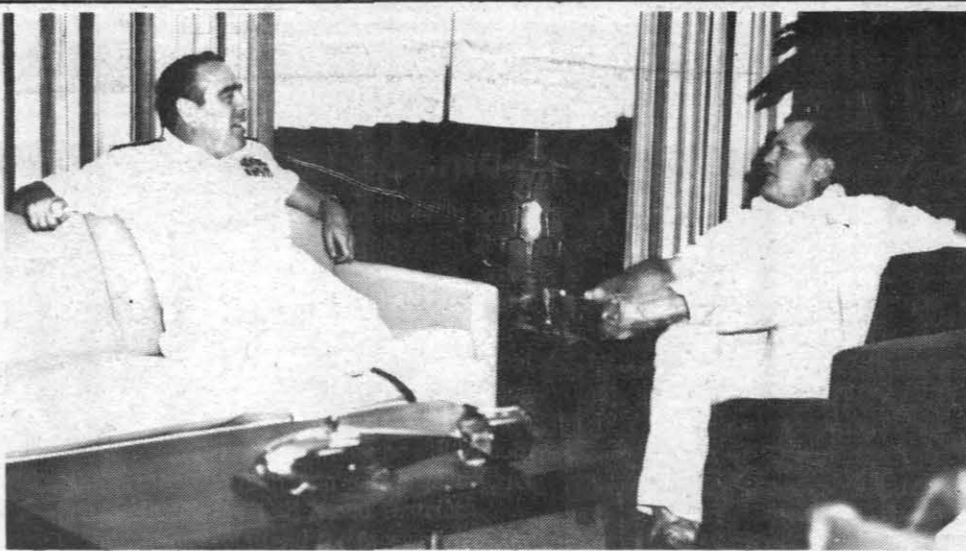
File applications for the above with Sue Praslowsky, Bldg. 34, Rm. 208, Ph. 2577.

Mail and File Clerk, GS-305-4 or 5, PD No. 7531023, Code 5100 — This position is located in the Office Services Section of the Air Weapons Department. Incumbent is the custody control point for the department. Receives and issues classified documents. Responsible for maintenance and accountability of all classified documents entering or leaving the department. Job Relevant Criteria: Knowledge of regulations pertaining to the handling of classified materials. Familiarity with functions and organizational structure of the Air Weapons Department.

File applications for the above with Pat Gaunt, Bldg. 34, Rm. 212, Ph. 2514.

**JOB OPPORTUNITY**  
 Cook Leader, NL-7453-05 (\$3.41 p/h) PD No. 75C00100, Commissioned Officers' Mess (Open). (This is not a Civil Service job.) Incumbent directs the work of employees at the snack bars operated by the Commissioned Officers' Mess (Open). Incumbent will requisition supplies for the snack bar and will prepare mixed drinks and beer to be served to patrons. Incumbent also prepares and cooks foods which require only a short preparation time. Desirable Qualifications: Knowledge of short order cooking. Knowledge of alcoholic beverages. Ability to deal effectively with people.

File applications for the above with Dora Childers, Code 456, Bldg. 34, Rm. 210, Ph. 2676.



**TEA AND CONVERSATION** — Rear Admiral R. G. Freeman III, NWC Commander (l.), chats with Congressman William Ketchum, who represents the 18th Congressional District, during a two-hour visit by Ketchum last Friday. The Congressman's visit was simply an informal one, taking advantage of a standing offer by the Skipper to drop in anytime he is in the area. — Photo by Ray Hocker

**'Women in the Trades' to be subject of seminar Sept. 10**

Information about women in the trades at NWC will be offered at the Brown-Bag Seminar this month, when Richard Cashore, head of the Personnel Department's Employment Wage and Classification Division, will speak on the kinds of trades available on-center and on the various registers and programs that are used to provide personnel for these trades.

The seminar is scheduled next Wednesday, Sept. 10, in the Sidewinder Rm. of the Community Center. Participants are reminded to bring sack lunches to the meeting, which is scheduled from 11:30 a.m. to 12:30 p.m.

As a reminder to women and minorities that they must do their part in promoting equal employment opportunity by taking advantage of the opportunities opening up for them, Alice Pastorius, NWC Federal Women's Coordinator, stated that this meeting has been scheduled for the purpose of making available such practical information as comparisons of the wage grade schedule and the general schedule of government pay and descriptions of the apprentice programs, pre-journeymen

development programs, Civil Service registers, and Upward Mobility program, all of which are avenues to career advancement at NWC.

"It will require a change of attitudes on the part of both women and men before Rosie the Riveter is as readily accepted as she was in World War II," Miss Pastorius said. "However, women need to be made aware of the opportunities in non-traditional occupations."

**Lecture to be presented about 'Chemiluminescence'**

Dr. Rudolf Seitz, of the University of Georgia, will present an unclassified lecture on "Chemiluminescence in Chemical Analysis" on Tuesday at 1:30 p.m. in Conference Rooms B/C in Michelson Laboratory.

Dr. Seitz was employed for three years at EPA's Southeast Environmental Research Laboratory in Athens, Ga., prior to joining the staff at the University of Georgia. All interested persons are invited to attend.

**Employee in the spotlight**

Bennie D. Macomber grew up on a farm in Chehalis, Wash., 55 miles south of Seattle. His rural background is like so many of those NWC employees featured in this spotlight.

However, he has a theory explaining why so many scientific and technical people have similar backgrounds. "When you grow up on a farm, or in a small, isolated community, you learn to do things for yourself at a much younger age. Farm boys are forever innovating, building their own toys, repairing equipment and tools and tractors. We would even invent new games to play and things to do," he said.

In Bennie's case, he grew up to become an electronics engineer. His family moved to Burns, Ore., when Bennie was 12 years old and he was graduated five years later from Burns Union High School.

Joined Civil Service in '58 Bennie returned to Washington to study at Washington State University in Pullman, where he received a bachelor's degree. Following his graduation in 1958, he began his Civil Service career at the Corona Navy Labs.

Bennie joined the Missile Flight Analysis Branch but switched to the Data Reduction Division after six months. "My branch head, George Milam, recognized that I wanted to do more than just read a bunch of figures each day, so he recommended the change," Bennie said.

After three years, Bennie joined the Fuze Department and went to work in Project Branch IV on the Typhoon proximity fuze. "Good old EX-23," Bennie smiled.

In 1965, he joined Fuze Project Branch I where he worked on TALOS, and in 1969,

switched to Branch II. During this period, he was project engineer for Mark 52, which is a TALOS fuze. In March 1973, Bennie was moved into Project Branch III and promoted to head of that branch in October of that year.

He is currently involved with Sea Sparrow and, until recently, worked on the Harpoon proximity fuze.

Bennie has received a couple of quality salary increases and one outstanding performance rating. However, in June, his work with proximity fuzes was recognized in a spectacular fashion — Bennie was tapped by his peers to receive the Dr. William B. McLean award.

He was singled out for this award "for his exceptional creative ability and originality as demonstrated at NWC by his significant inventions in the field of guided missile proximity fuzing — some of which are currently being used in the target-detecting devices for two major missile fuze systems and represent the most advanced microwave fuzing systems available to the Navy."

The McLean Award, which honors Dr. William McLean, former NWC Technica Director, is presented "In recognition of outstanding creativity that contributed to Naval warfare."

Met Wife in Corona Bennie met his wife, Marlene, soon after he was employed at Corona. She is presently working part time as a secretary for Motorola Corp. in Ridgecrest.

The couple has two children. They are Michael, 14, who will be a freshman at Burroughs High School, and Brenda, 12, a seventh grader at James Monroe Junior High School.

Michael is active in the Boys Scouts of America, while Brenda prefers to belong to a local 4-H club. Bennie has assisted in Boy Scouts from time to time and, this year, is a committeeman.

He is a ham radio operator and likes to build or repair any mechanical or electronic equipment. "I've worked on my own autos TVs, radios and motorcycles," Bennie said. Marlene is more involved with the community, specifically working with youth groups when she can. She is an active member of the James Monroe PTA and also is a volunteer worker with the Happy Times Senior Citizens Club.



Bennie D. Macomber

**The Rocketeer**  
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 China Lake, California

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Wilt's Corner

**Soccer instruction offered by Youth Ctr. begins Sept. 15**

By Wilt Wyman  
NWC Athletic Director  
The NWC Youth Center will begin offering instruction in soccer—the European "futbol"—for children between 8 and 18 years of age.

Signups are now under way at the Youth Center and will continue until Sept. 15. The only fee involved is membership in the Youth Center.

Instruction will begin on Sept. 16 at Davidove Field (located on Knox Rd.) prior to the beginning of league play.

Persons interested in obtaining more information are asked to call the following people:

Ned Jones, NWC ext. 3468; Karl Kaufman, ext. 7571, or the Youth Center, ext. 2909.

The organizers of this program are also thinking of beginning a similar program for adults. Interested adults should contact Kaufman by calling him at the above number.

**Swimming Instruction**

Eight week sessions in swimming instruction for children, tiny tots and adults will begin on Monday, Sept. 15.

The class are divided by age groups according to the following schedule:

Children 6 years of age and older will be taught on Mondays from 3:15 to 4 p.m. The fee is \$8. Tiny tots between 6 and 18 months of age will be instructed on Tuesdays from 9 to 9:30 a.m., and those who are 18 months of age to 2½ years will have the pool from 9:30 to 10 a.m. on the same days. Tots who are 2½ years through 4 years of age also will be taught on Tuesdays — from 10 to 10:30 a.m. Fee for children in these age groups is \$6.

Swim lessons for 5-year-olds also are planned on Tuesdays during two separate sessions — one from 10:30 to 11 a.m., and the other at 1 p.m. The fee for 5-year-olds is \$8.

Adults will be coached at 7 p.m. on Wednesdays. The fee for adults enrolling in the classes is \$10 per person.

**Weight Training**

This is just a reminder that all women interested in signing up for the two, 6-week weight training classes should do so immediately. Enrollment is limited to the first 10 persons who enroll for each session.

For more information, contact Sheila Miller by calling 375-2748, or the gym at NWC ext. 2334.

**Painting Going Fine**

I would like to thank all persons using the gymnasium for their co-operation while the painting has been going on. It will soon be finished and full use of the facilities will resume.

Also, persons using the locker rooms while swimming should be advised not to leave valuables lying loose in unlocked lockers. Either leave them at home or put them in a basket along with your clothing and leave them by the lifeguard station at the swimming pool.

**Tennis classes for beginners of all ages to begin Monday; registration under way**

A series of tennis classes for beginners will be taught by Fred Hagist, beginning on Monday.

These classes, which are sponsored by NWC's Special Services, are designed for the strictly novice player who has never received formal instruction of any kind.

They will be divided according to the following age groups.

Boys and girls, 10 years of age and above. This will be a six-week course, held on Tuesdays and Thursdays from 3:30 to 4:30 p.m. The cost is \$10 per student for the entire course.

A six week class for adults also will be held on Tuesdays and Thursdays, from 10 to 11 a.m. This class also will cost \$10 per student.

A second class for adults, one day per



**ADMIRAL'S CUP COMPETITION** — Water polo was the featured sport during the Admiral's Cup competition for the month of August. The Air Test and Evaluation Squadron Five team was the run-away winner of this event, but didn't manage to overhaul NAF, which is still in first place in the over-all standings. In the above photo, two water polo players are shown during action that took place at the Center gym during the week of Aug. 26. The next Admiral's Cup competition will be golf. It is scheduled for Sept. 16 and 18 at the local golf course. —Photo by Ray Hocker

**Burros varsity football coach optimistic; 'We're ones to beat'**

The Burroughs High School varsity football team will begin its 1975 season on Sept. 19 with a non-league encounter against Burbank High School.

"Burbank will be sort of a proving ground for all of the untested, untried players I have this year," said Bruce Bernhardt, head coach of the Burros.

The week following the Burbank contest (Sept. 26), the Burros will meet an old foe—Bakersfield High School. Bernhardt expects that by the league opener on Oct. 3 against Quartz Hill, his team will be "ready."

Just how far can the highly successful coach take his team this year in CIF after losing Kevin Smith? Smith, quarterback for the 1974 squad, was picked on the Golden League all-star first team, made the national high school "All American" first team, and was selected on the CIF (southern section) first team.

In addition, the defensive sparkplug—Mike Hicks—will be out the entire season due to a neck injury.

"We're going to do well. We're the ones to beat and I expect this team to be in contention all the way," Bernhardt forecast.

There are good reasons for Coach Bernhardt's optimism. Steve Blanche and Mark McDowell are both returning in the Burros' backfield. McDowell made the all-Golden League first team last season, both as a running back and as a kicker. In addition, the Burros coach noted some other names that are back from last year—18 lettermen in all.

Joining Blanche and McDowell as running back contenders will be Kenny Charlton, Rick Francis and Rudy Muro. Up front, Bernhardt has Joe Mattis and Ed Brooks, with Glen Mosley, Tracy Lakin, Rich Haddock and Dirk McJunkin suiting up again this year. The latter four players

week, will be offered on Wednesdays from 5 to 6 p.m. The cost of this course is only \$5 per student.

**Hunters' course planned**

California State law requires that all persons applying for a hunting license for the first time must have completed a hunter safety course.

Anyone who falls into that category can sign up for such a class at the NWC Youth Center. A class date has not yet been set, but all those who register will be notified when it is scheduled.

For more information, contact Merrilee West by calling NWC ext. 2909 between the hours of noon and 5 p.m., Monday through Thursday, or from 9 a.m. to 5 p.m. on Saturdays.



By Jack Lindsey

Many people looked on my column last week as criticism of Jess Moreno. Those who did took it in a different way than the column was intended.

I don't feel I have to point out my admiration and feelings of friendliness for the young man. My boosting of him and his golf game is well recorded.

The Catbird last week was meant as much to remind all of the other golfers that Jess was the club champion as much as it was to point that fact out to Jess himself. It also was meant to pay tribute to one who has been a great champion — Max Smith.

If those points didn't come out in the writing, I'm sorry.

**Yea, Dodgers**

Recently, the wife and I visited Chavez Ravine to watch the Los Angeles Dodgers play their own brand of funny baseball. Now that the pennant race is all but over for the Dodgers, Pat has shifted her allegiance from the entire team to individual players — notably Steve Garvey, the National League's Most Valuable Player last season and the sparkplug of the Dodgers.

She still manages to find excuses for each Dodger loss, but if Garvey hits . . . then everything's OK. My son, Michael, is a walking baseball encyclopedia who has now managed to become a Cincinnati booster, much to the wife's chagrin.

I'm caught in the middle. My favorite ball club is the Oakland A's in the American League, and I lean toward the St. Louis Cardinals in the National. Neither team is looked on with favor in my house. The baseball arguments range loud and long, and somehow, like the Dodgers, I seem to always be the loser.

What this is all leading up to are my fearless baseball predictions for 1975. The old crystal ball, slightly lopsided from some of my past sightings, was dusted recently and this is what I saw:

In the National League, it will be the Reds against the Cardinals in the playoffs, with the Cards victorious, while the A's will make easy work of the Boston Red Sox in the American League.

I look for the A's to win a fourth straight world title. And, in five games.

**Track club to stage 4-mile race during Desert Empire Fair**

The second annual 4-Mile Road Race, sponsored by the Over-the-Hill Track Club, will be staged on Sunday, Sept. 21, as an attraction of the annual Desert Empire Fair.

The event will be run over a flat course beginning at the fairgrounds in Ridgecrest at 1 p.m. Registration will be held prior to the race—beginning at noon—and all interested persons are welcome to compete.

The sign-up fee for members of the club (which includes an annual dues fee) is \$5. Non-members of the club will be asked to pay \$2.50.

Medals for various age groups for both men and women will be presented to the top finishers. All those who compete will receive ribbons.

**Mountain Rescue Gp. trio tackles glacier-covered peaks in Canada**

Three members of the China Lake Mountain Rescue Group returned this past Monday from a 2½-week-long vacation climbing glacier-covered peaks in the coastal range of British Columbia.

The CLMRG members (Fred Camphausen, Dr. Carl Heller and Dr. Robert Rockwell) traveled by commercial airline service from Los Angeles to Vancouver, Wash., rented a car and then crossed by ferry to the City of Campbell River on Vancouver Island.

They then had a 2-day wait before they were picked up by a "bush" pilot for a flight by float-equipped aircraft to Ghost Lake, a remote body of water near their destination.

This area was new to all of the climbers, who were impressed by its wildness. Dr. Heller noted. After being put ashore at Ghost Lake, there was still a two-day back pack hike through a rain forest and up the Tiedemann glacier to reach the base of the mountains at 6,000 ft. At this point, hanging glaciers, icefalls and steep snow ridges provided mountaineering problems that took them several interesting days of rope climbing to master.

Storms and a brief illness by one member of the party prevented the three men from achieving their goal of ascending Mt. Waddington (at 13,260 ft. the highest peak in Canada's coastal range), but they were able to conquer two of its neighboring peaks — Mts. Spearman and Munday.

As it turned out, this was the wettest August weather experienced in that area since 1960, Dr. Heller stated. Consequently, the weight of all their camping and mountain climbing gear was increased by

the wetness due to rain and snow.

Mt. Spearman (11,000 ft. high), Dr. Heller added, was equal to the hardest bit of mountain climbing he had ever experienced, as there were ice falls, crevasses, avalanche slopes, 60-deg. snow ridges and ice faces to ascend.

Mt. Munday (also 11,000 ft. in elevation) was climbed during a snowstorm that made it necessary for the mountaineers to use ropes in order to find their way back down again.

The three CLMRG members saw no other persons in the area where they were climbing, but did sight numerous wild birds and the tracks of some mountain goats. Fortunately, Dr. Heller, added, there was no problem with bears breaking into their food cache at base camp.

Mts. Spearman and Munday are on the same ridge as Mt. Waddington, and Dr. Heller, Camphausen and Dr. Rockwell want to return again when the weather is better to try to climb Mt. Waddington.

They also ascended Mt. Jeffrey (7,500 ft. high), which Dr. Heller described as a Class 5.5 rock climb. It was necessary to cross a glacier to get to the base of Mt. Jeffrey.

This was the first time in his mountain climbing experience that he had been in a party that was supplied partially by an air drop of supplies, and he was happily surprised to see the accuracy with which the pilot was able to hit the target, Dr. Heller said. The pilot put five packages within 100 yd. of the climbers, Dr. Heller added.

Many good color photo slides were taken of the wilderness area which the three mountain climbers visited. Later this fall, friends of the China Lake Mountain Rescue Group will have the opportunity to see these films.

**Seminar on nat'l, world affairs to reconvene Sept. 11**

A seminar on national and world affairs, sponsored by the Army's 6303rd RTU (a military reserve unit) and Cerro Coso Community College, will reconvene beginning next Thursday, Sept. 11, at 7:30 p.m. in Rm. 211 of the NWC Training Building.

This program offers a special opportunity for enlisted and commissioned reserve military personnel of any branch of the Armed Forces, as well as interested civilians, to explore current political, social and economic problems facing the nation.

Qualified military reservists will receive credit toward retirement for attending the seminar, which is offered to the general public credit-free by the local college.

Registration for the seminar, which is listed as Social Science 100 on the Cerro Coso Community College's fall schedule of classes, will be handled at the college office during the late registration period, or at the first class meeting next Thursday evening.

For additional information, interested persons can call either Col. Robert Huckins, USAR, at NWC ext. 5572, or Col. Fred Nathan, USAR, at ext. 2304.

**Ltjg. Bovee heads Seabee Reserve unit**

Ltjg. Steve Bovee, CEC, USNR-R, has been assigned the duty of Officer-in-Charge of Seabee Reserve Unit 0217, replacing Lt. Michael Levine, CEC, USNR-R, who was the Commanding Officer.

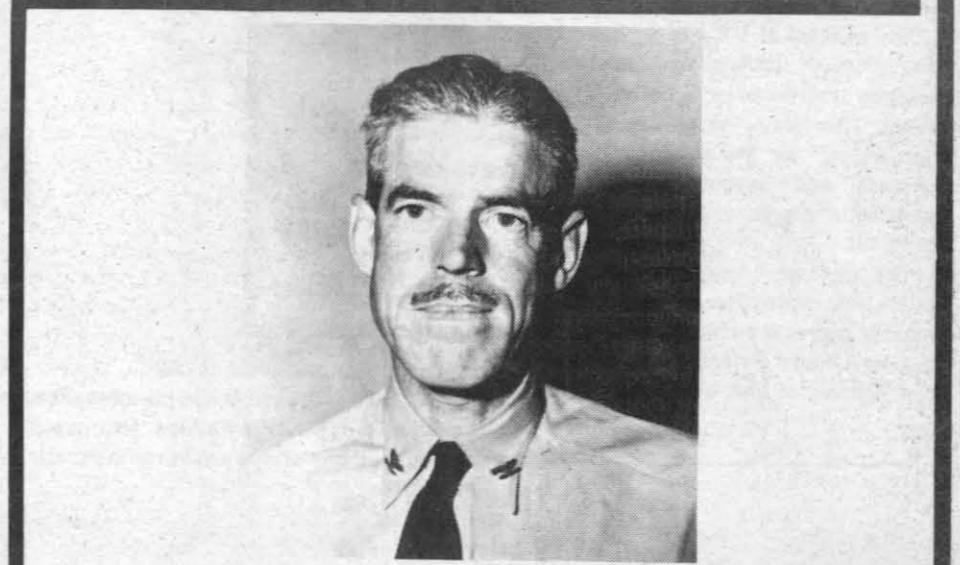
Unit 0217, currently staffed by three officers and 35 enlisted men, is part of Reserve Mobile Construction Battalion 17, located at Port Hueneume. Locally, this unit participates in Navy Self-Help projects that are coordinated by BUCS W. T. Cava, NWC's Self-Help Project officer.

In addition, the Reservists in this unit spend two weeks each summer on active duty at some other military installation.

Ltjg. Bovee stated that he may be contacted at NWC ext. 3613, or at his home, 446-6286, for information regarding any Seabee-related business.



These important events in the history of the U.S. Navy are recounted here for the purpose of calling attention to the U.S. Navy's 200th birthday on Oct. 13, 1975, as the entire nation prepares for the Bicentennial observance during the year 1976.



Capt. Sherman E. Burroughs Jr. (later Rear Admiral), naval aviator, ordnance specialist, served alternately as a combat pilot in the Fleet, and in the Research and Development Division of the Bureau of Ordnance. A highlight of his distinguished career was becoming the first Commanding Officer of the Naval Ordnance Test Station (now Naval Weapons Center) where his farsighted planning laid the groundwork for a permanent RDT&E Center. Work here has led to superior ordnance achievements for the Navy.

**Failure Analysis Lab provides vital service . . .**

(Continued from Page 1)

an effort to find one that is suitable for the job by employing environmental and stress-testing techniques.

A process known as "burn-in" makes it possible to eliminate many early failures in an electronic circuit, Arisman continued. The circuit is subject to maximum temperature and maximum voltage and current levels simultaneously for a number of hours. Through tests such as this, it is possible to determine beforehand what the likelihood of failure of a particular type of circuit will be in actual use.

Failure Analysis Laboratory tests cover the maximum limits of an electronic component or system—ranging from minus 55 deg. Centigrade to plus 125 deg. C. Anything that will continue functioning satisfactorily within this temperature range is generally suitable for any guidance

system, Arisman added.

The aforementioned temperature range is usually a Military Specifications requirement, but sometimes it isn't possible for an engineer to obtain MilSpec parts for a particular component. In such cases, the Failure Analysis Lab can lend a hand by testing a consumer product and select for use one which can withstand the temperature and stress it will have to meet in actual use and substitute it in place of the unobtainable MilSpec part. "In other words," Arisman continued, "we do our own qualification testing now."

This has become necessary, the head of the Failure Analysis Lab stated, because manufacturers often reach the point where they are unable to provide high reliability parts within a reasonable length of time. The kind of electronic components he has reference to, Arisman said, are those used by engineers to develop prototype or

research circuits and they can't wait indefinitely for a manufacturer of electronics equipment to produce them. Instead they need parts that are readily available for their breadboard and prototype circuits.

It is the aim of the electronics technicians of the Failure Analysis Lab (by their screening and testing of resistors, capacitors, diodes, transistors, linear and digital integrated circuits) to enable Shop Stores in Warehouse 10 to have available a supply of high reliability components.

In the near future, it is planned to distribute a list of such high reliability components to potential purchasers. Anyone who needs, but doesn't receive this list, will be able to obtain one by calling Arisman or one of his co-workers at NWC ext. 2858.

**Exam announced for 20 apprentice positions at NWC**

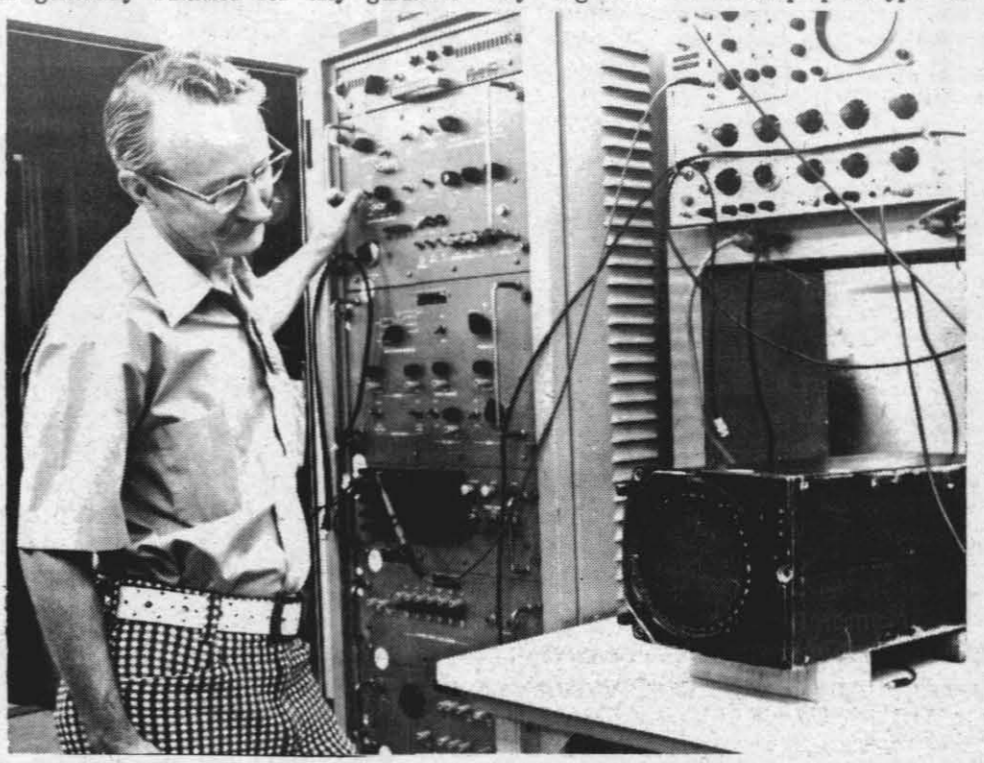
At the request of the Naval Weapons Center, the Civil Service Commission has issued an examination announcement for 20 apprentice positions to be divided between the trades of electronics mechanic and machinist.

All of the positions are to be filled from lists of eligible candidates provided by the CSC.

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.

Interested persons must file with the Los Angeles Area Office of the Civil Service Commission by Sept. 19 (a written test is required). Selections will be made in November.

The program will begin in January, 1976. Application forms and information may be obtained from Dixie Shanahan, the employment information receptionist, who is located in Rm. 100 of the Personnel Department building. Her telephone number is NWC ext. 2069.



**WEAPONS DELIVERY DISPLAY UNIT CHECKED** — Robert McArtor, an electronics technician, uses an operating test console in the Failure Analysis Lab to check a weapons delivery display unit for Project Pavknife before returning it to the Fleet. The unit was sent here for repair. —Photo by Ron Allen

# 'Keep 'em flying' is main goal of VX-5's ADR1 George W. Ginter during typical work day as line supervisor

On these two pages, a typical day in the life of a line supervisor at Air Test and Evaluation Squadron Five (VX-5) is portrayed.

The subject is ADR1 George William Ginter. Since these photographs were taken, ADR1 Ginter has been placed in charge of the Phase Crew, whose members are responsible for checking the periodic maintenance performed on the squadron's aircraft.

The mission of VX-5 is an important one—that of testing and evaluating weapon systems prior to delivery to the Fleet. Therefore, the ability to "keep 'em flying" by the squadron's maintenance and support crews is of paramount importance to the overall mission.

The small work force at VX-5 is proud of its diversification. ADR1 Ginter is merely representative of all those who perform many different functions with a minimum of fuss and bother.



GINTER IS seen in the maintenance control office talking with AZ3 Julie Fiedler and AMSC Muriel Phillips. He spends a lot of time in this office coordinating the moves of various squadron aircraft.



GINTER CHECKS back with AZ3 Fiedler in maintenance control to report the whereabouts of certain aircraft scheduled for maintenance which he had ordered moved from one location to another.



THE LINE supervisor is always present when aircraft are being moved into Hangar 1. Here, Ginter directs AA Major Willis, who is driving a "tug," Navy slang for an aircraft tow tractor.



SN K. A. LOCKWOOD is preparing to hook up to the A-7 Corsair II in the background prior to towing the aircraft on the line for a "launch." In the cockpit is AA Julio Huete, who will "ride the brakes." Ginter watches the operation.

## VX-5 enlisted man has big job; responsible for \$37M worth of aircraft

ADR1 George William Ginter is a career Navy man. He has spent the past 18 years of his life doing things the "Navy way."

However, the better enlisted men incorporate a little of themselves into their duty assignments. Ginter does—and the flight line at Air Test and Evaluation Squadron Five, where he is a supervisor, is that much better for it.

He has learned that the Navy is more than men and machines, supplies and assignments, material and rules. He's learned that it also is personalities and people, problems and innovations, disasters and "well done's," emergencies and "no sweats."

He attacks the routine and mundane, and conquers the impossible and improbable. He is responsible . . . and knows it! Yet he can smile in the face of adversity, and by so doing, reduce a potential problem to something easily handled.

Although he was born in Appleton City, Mo., Ginter was raised in Washington, near Lake Chelan. He entered the Navy just two months after he was graduated from Manson High School in 1957.

His only brother also is a career military man—a S/Sgt. in the United States Air Force.

Ginter's long Navy career has been spent on the West Coast, with the exception of schooling in Tennessee. "The Navy must have something back east they don't want me to see," he said with a grin. His schooling has included ADR "A" and "B" schools in Memphis, Tenn., and a number of specialty schools.

Ginter has worked on a number of different aircraft during that period, but stated that he has never before been assigned to a squadron that had so many different types of aircraft and mission assignments as does VX-5.

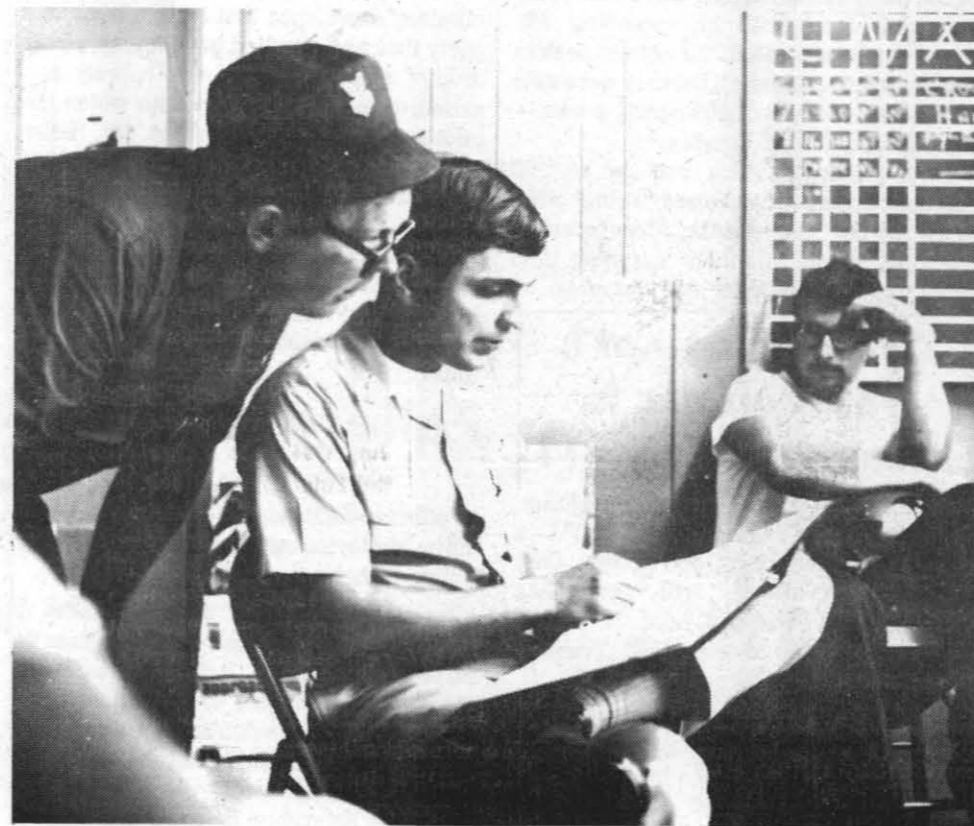
The VX-5 flight line supervisor is responsible for the handling of \$37 million worth of aircraft 24 hours a day, seven days a week. In addition, he heads 27 personnel ranging from 18 to 32 years of age.

Ginter also handles a collateral duty assignment of section leader which places him in charge of another 32 enlisted men.

"I find my job really keeps me going. It is a rewarding experience. Trying to keep operations going at a steady pace can sometimes tax me to what seems the limits of my abilities, but I manage," he said, summing up his duties.

Ginter finds being a member of the U.S. Navy a worthwhile occupation. He stated he has never regretted opting for a career. Being in the Navy has made me appreciate being an American and glad I live in the United States," he said.

When he retires, Ginter plans to return to his father's ranch in Washington. "I will roam no more," he stated.



DURING A talk with line workmen, Ginter looks over the shoulder of Lt. Doug Lindquist, VX-5's Maintenance Officer, who is discussing new procedures. AA G. L. Baldwin looks on at right.



LT. RANDALL FOLTZ checks with Ginter prior to getting in his aircraft for a takeoff. During times when aircraft are "being launched," Ginter is busy directing traffic, checking for line safety, and ensuring that all components on the line are working.

## VX-5 transferred to China Lake in 1956

Capt. Robert N. Livingston is the Commanding Officer of Air Test and Evaluation Squadron Five. He assumed leadership of the squadron from Capt. E. M. Crow on June 13.

Capt. Livingston is the squadron's 16th Commanding Officer since its commissioning on June 18, 1951, at NAS Moffett Field, Mountain View, Calif.

The squadron moved to China Lake in July 1956. This move was ordered by the Chief of Naval Operations to take advantage of the Center's vastly improved ranges and instrumentation facilities.

Capt. F. B. Gilkenson, now Rear Adm. Gilkenson, Commandant of the 11th Naval District, was the CO in those days.

The mission hasn't changed much. Originally, it was assigned to develop and evaluate aircraft tactics, techniques and procedures for the delivery of airborne special weapons. Today, this mission has been expanded to include the delivery of airborne free-fall and missile weapons, plus the testing and evaluation of numerous electronic warfare defensive and offensive aircraft systems.



GINTER AND AA P. J. Wylot take a break following the launching of several squadron aircraft.



AA MAJOR WILLIS and Ginter are placing wing locks on an aircraft. "The wind knocks the wings down if this isn't done," he noted.



ONE OF GINTER'S men—AA Blaine Stanbaugh—shows Lt. Terry Nolan that he is about to place the pins in the aircraft's storage locker prior to take-off. If Stanbaugh had failed to do this, it would have been Ginter's responsibility—one of the many crosses of supervision that he has to bear. "My men don't make mistakes, however," he said confidently.



"THE A-6 INTRUDERS are down there," Ginter tells a fuel truck driver. One of his many jobs is to keep traffic on the line routed to the proper place.

## Photos by PH2 Dick Grant



HIS LONG DAY over, Ginter walks across a freshly-scrubbed line while a work crew busily cleans up one day's spillage in preparation for that expected the following day.