

Orchestra Makes Plans For Season

The Desert Community Orchestra Association announced plans this week for the 1972-73 season, featuring four concerts to be presented under the baton of the outstanding young conductor, Charles Wood of Bakersfield.

In a letter to members and friends, Association President Anne Marie Bergens stated that the annual Pops Concert will be held on the NWC All Faith Chapel grounds on the evening of Friday, Sept. 15, to re-introduce the orchestra to the Indian Wells Valley community.

Other concerts, all to be presented at the Burroughs High School Lecture Center, include a Fall Festival of Music on Nov. 5, a Winter Concert on Dec. 15, and a Youth Concert on April 7, 1973.

The orchestra is composed of local students of music and musicians of the community interested in the production of good live music.

"Enthusiastic support by those musically talented, as well as by patrons of the musical arts, has brought the Desert Community Orchestra to a high level of performance, unusual for a community of this size," Mrs. Bergens stated in announcing plans for the coming season.

In recognition of its high quality of musical skills and performance, the orchestra has also been invited to accompany the well-known pianist, Vladimir Pleshakov, next Feb. 21, during a NWC Concert Series program at the Center Theater.

Members of the Desert Community Orchestra Association are expected to be granted a special discount opportunity to attend this additional concert, subject to seat availability.

Retail Sale Set Saturday At MCSC, Barstow

A retail sale will be held Saturday, between 8 a.m. and noon, in the east end of Building 165, Property Disposal Branch, Marine Corps Supply Center at Barstow.

The sale is open to all military personnel, civilian employees of the Center, and to the general public.

Various items of interest will be offered, including shoes, clothing, manual typewriters, household and office furniture, hardware and other items of general use.

Employee . . .

(Continued from Page 7) the Employee Services Board and is vice-president of the Ridgecrest-China Lake Men's Bowling Association.

He is also a member of the Western College Placement Association and the Rocky Mountain Placement Association. In addition, he is a director of the Federal Recruiters Institute, U.S. Civil Service Commission, San Francisco.

Bob enjoys spectator sports, both local and national, and can be seen filling a bleacher seat at Little League, Pony-Colt League, or fast pitch softball games.



SEABEE RESERVES HELP OUT—Personnel of Reserve Mobile Construction Battalion 17, Sub-unit 11-2 of China Lake, lent a hand over the past weekend with work on the preparation of a golf driving range in Ridgecrest. Manning heavy equipment on loan from NWC, the SeaBees completed the job of clearing off weeds and grading the driving range area that will be one part of a recreation facility being developed as a major undertaking of the Ridgecrest Improvement Committee. Bill Thorpe, equipment operator chief, and Carl Nyholm, equipment operator 1st class, were in charge of the SeaBee Reserve work force over the past weekend. Tumbleweeds that were cleared off were burned by county firemen as quickly as they could be collected.

Maturango Museum Taking Orders For Book by Desert Artist Sylvia Winslow

Pre-publication orders are now being taken by the Maturango Museum for a book by Sylvia Winslow, a former China Lake resident who is one of the foremost desert landscape artists in the West.

Entitled "The Trail of a Desert Artist," the book tells of the artist's enduring "romance" with the desert that began more than 30 years ago when she and her husband, Slim Winslow, started on the trail of rare and beautiful scenes in her beloved desert that the artist then recreated on her canvases.

The Winslows covered thousands of miles across lonely open desert. In addition to capturing on canvas the color and beauty in those peaceful years before the roar of the superhighway and the clamor of subdivisions broke the long

silence, Mrs. Winslow recounts in her book the simple pleasures she and her husband shared with the pioneers, prospectors, miners and other old-timers they met along the desert trail.

Mrs. Winslow's book also will include color reproductions of seven of the artist's well-known paintings, as well as monochrome copies of ten of her field sketches. Other illustrations to be included in the 80-page book are old photographs that the author snapped of favorite people and places along the desert trail.

Because this is such an ambitious undertaking, the Maturango Museum Publications Committee must be assured of sufficient sales to cover printing costs before going into production.

Anyone who would like to receive a copy of "Trail of a Desert

Community Council Issues Call For Nominations To Fill Lone Vacancy

A call for nominations for a councilman to represent combined voting precincts 3 and 7 for the remainder of 1972 has been issued by the China Lake Community Council.

The precincts to be represented contain a number of types of bachelor apartments, as well as two streets of Old Duplex housing. Exact precinct boundaries are shown on the map on the inside back cover of the NWC telephone directory.

Richard V. Schultz, Community Council president, noted that any person 18 years of age or older, residing within either of these two precincts, is eligible for nomination to fill the vacancy. Eligible residents interested in serving on the Community Council are asked to call either Mimi Chapman, at 446-4921, or Marion Carter, 939-3575.

All nominations must be received on or before the next regular meeting of the board, which is to be held at 7:30 p.m. on Sept. 12, in the Community Center.

All nominees are asked to be present at this meeting, during which incumbent members of the board will elect the new member.

The function of the Community Council is to represent all China Lake residents on a number of policy-making boards on-Center. Recently, the council has served as the focal point in bringing UHF television to the valley. The council also serves to identify and find solutions for community problems.

Further information on the Community Council may be obtained from any precinct representative or from the NWC Community Relations Office.

Cake Decorating Class Scheduled

Mrs. RoseMarie Suhr will conduct a class in cake decorating, beginning Sept. 27. The Wednesday evening classes will run for eight consecutive weeks, and will cost the student \$22 for registration.

Persons interested in attending must register no later than Friday, Sept. 8, at the Community Center.

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

FRI. 25 August

"PATTON" (110 Min.)
George C. Scott, Karl Malden
(War Drama) Academy Award winner, Scott, portrays famed tank-commander General Patton, who was both pious and profane, who defeated the wily Desert Fox, Rommel, won glory by the invasion of Sicily yet suffered humiliation by a personal incident. One of the classic films of our time DON'T MISS! (PG)

NO SHORT SUBJECTS
SAT. 26 August

(MATINEE—)
"CALL ME BWANA" (103 Min.)
Bob Hope
"HAWAIIAN HOLIDAY" (7 Min.)
—EVENING—
"GOLDFINGER" (110 Min.)
Sean Connery, Honor Blackman,
Gert Fröbe

(James Bond Adventure) Agent 007 zips back into action attempting to find out who is depleting the gold bullion reserves. Fabulous gals and gadgets help him out of the tight spots. It's FUN to see it again! (PG)

NO SHORT SUBJECTS
SUN. & MON. 27-28 August

"THE COWBOYS" (128 Min.)
John Wayne, Bruce Bern
(Western) He rode herd on 1500 head of cattle and a crew of schoolboy drovers when his hands deserted to gold fields—and then came the rustlers! Big John turns boys into rugged men in this action buster. (Rated PG)

NO SHORT SUBJECTS
TUES. & WED. 29-30 August

"DIRTY HARRY" (102 Min.)
Clint Eastwood, Harry Guardino
(Crime Drama) Tough San Francisco Police Inspector Clint matches wits with a sniper-ransom-seeker in one of the roughest, toughest stories of his kind. A real thriller filled with cunning and pure savagery. (R)

"SEE YA LATER GLADIATOR" (7 Min.)

THURS. & FRI. 31 Aug.-1 Sept.
"THE GREAT NORTHFIELD MINNESOTA RAID" (92 Min.)

Cliff Robertson, Robert Duvall
(Western-Drama) Failing to secure amnesty from the Missouri legislature, the outlaw gang led by Cole Younger and Jesse James decides to rob the "biggest bank west of the Mississippi" at Northfield, Minnesota. (PG)

YOUTH CENTER MOVIES

The Youth Center-sponsored movies for next week are as follows:

Tuesday, Aug. 29 — "Davy Crockett, King of the Wild Frontier," and a Paramount cartoon.

Wednesday, Aug. 30 — "The Ugly Dachshund," and "Nine Lives of Elfege Baca."

Because of the changeover from 35 to 16mm film, it was necessary to cancel the Youth Center-sponsored movie originally scheduled on Thursday, Aug. 31.

Admission is free to Youth Center members whose dues are paid on a yearly basis and expire after Sept. 1. Admission is 25 cents to all others. The movies start at 1 p.m. in the Center Theater.

Since the school year will begin on Sept. 5, this will be the last of the Youth Center movies for this summer.

From _____	PLACE STAMP HERE

TO _____	

nwc rocketeer

Naval Weapons Center
China Lake
California

Vol. XVII No. 34



CODE 40 EARNS MILESTONE SAFETY AWARD—Frank H. Knemeyer, head of the Weapons Development Department (Code 40), on Monday received an honor award from Rear Adm. W. J. Moran, NWC Commander, that represents 4,000,000 man hours without a lost-time accident. This is the first time in the history of the Naval Weapons Center that the 4 million safe man-hour mark has been reached by any department.

Report Presented About School Unification Plan

A report on the proposed unification of schools — the combining under one system and administration of all public school classes in the local desert area from kindergarten through high school—was presented at Monday night's meeting of the China Lake Elementary School District board of trustees.

Dr. Sol Spears, district superintendent, brought the board up to date on what has happened since the China Lake School Board adopted a resolution on Aug. 1 declaring its intention to proceed with all due haste in initiating the proceedings necessary to establish a unified school district here.

A copy of this resolution, along with a letter, was sent to the Kern County Committee on School District Organization, and this latter group has notified school officials at China Lake that it is waiting to hear from other districts that would be affected by the proposed unification move.

Trustees of the Indian Wells Valley Union School District (Ridgecrest and Inyokern elementary schools) also have adopted a resolution on unification of schools identical to the one enacted by the China Lake board.

In both resolutions, the word "optionally" was included in the

(Continued on Page 5)

VX-5 Change of Command Ceremony Held Today



Capt. Edwin M. Crow

With all the formalities and ritual traditionally associated with a Navy change of command ceremony, Capt. Edwin M. Crow this morning relieved Capt. Carl "Tex" Birdwell, Jr., as Commanding Officer of Air Test and Evaluation Squadron Five (VX-5). The ceremony took place at the Naval Air Facility's Hangar 1.

Capt. Birdwell, skipper of VX-5 since October 1970, is leaving here for the Naval Air Station, Patuxent River, Md., where he will serve as Director of the Naval Test Pilot School.

This will be the third time in his Navy career that Capt. Crow has followed in the footsteps of Capt. Birdwell. In 1970, Capt. Crow relieved Capt. Birdwell as A-7 Deputy Project Manager (Navy) for the Naval Air Systems Command in Washington, D.C. Also in 1959, then Lt. Crow took over from Lt. Birdwell in VA-212 at Moffett Field.

The formal change of command, with squadron members (more

than 260 strong) assembled in sparkling white uniforms, complete with appropriate medals, was witnessed by a throng that included family and friends of the VX-5 Vampires, as well as interested NWC military officers and civilian employees.

A flyover of F-4 Phantom aircraft, with VX-4 pilots from Point Mugu at the controls, and music by the COMNAVAIRPAC band from San Diego were among the special events of the hour-long ceremony, which began with the band's playing of the national anthem and the invocation delivered by Lt. Fred R. Zobel, NAF chaplain.

Before hearing remarks by Rear Adm. M. C. Carmody, Commander, Operational Test and Evaluation Force, Norfolk, Va., on the mission and accomplishments of VX-5 during Capt. Birdwell's tenure as Commanding Officer, both the new and old squadron commander's conducted a brief personnel inspection.

(Continued on Page 3)



Capt. Carl "Tex" Birdwell, Jr.

Aug. 25, 1972

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Library Lists New Books

LIBRARY HOURS:
Monday-Friday: 2-9 p.m.
Saturday: 10 a.m.-4 p.m.

Readers are reminded that all employees, regardless of residence are most welcome to use the Center Library.

FICTION

Carr—Miracle at St. Bruno's
Clifford—Wild Justice
Davies—Fifth Business
Geld—A Timeless Place
Hill—A Man Could Get Killed That Way
Holland—The Earl
Hughes—The Langston Hughes Reader
Knight—Science Fiction Argosy
Lafferty—Okla. Hannali
Linnington—Policeman's Lot
McConnell—Matata
Norton—Dark Piper
Pace—Fisherman's Luck
Pillitteri—Two Hours on Sunday
Redgate—The Killing Season
Schweitzer—Lodge
Wylie—End of the Dream

NON-FICTION

Brent—Eggs
Child—Mastering the Art of French Cooking, Vol. 2
Cooper—Aerobics for Women
Dembeck—Animals and Men
Dover—American Negro Art
Dreyfus—What Computers Can't Do
Engle—Parasceue
Fried—The Middle Age Crisis
Gillelan—Complete Book of the Bow and Arrow
Gregory—No More Lies
Hellum—You Can Whistle and Carve
Lord—Comstock Mining and Miners
Newfield—A Populist Manifesto
Ordway—Dividends From Space
Peter—Peter Prescription
Pryde—Nunaga
Redding—The Lonesome Road
Reinhardt—Workin' on the Railroad
Ross—Low Calorie Menus for Entertaining

Social Planned For College Students

In response to the lack of organized interdenominational college Christian fellowship in the area, local college-age Christians are sponsoring a barbecue and swim party—called a one-way wing ding—at the Naval Air Facility swimming pool, next Thursday, beginning at 6 p.m.

All college students are invited to attend. A 50 cents donation will be asked.

Persons desiring more information are asked to call 446-4290 or 377-3791.

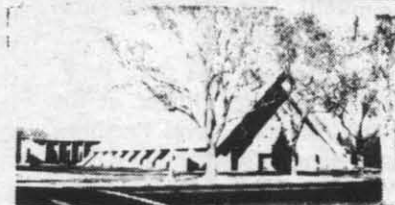
The Rocketeer

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China Lake Lake, California

RADM. W. J. Moran, USN
NWC Commander

H. G. Wilson
Technical Director

C. E. Van Hagan
Head,
Technical Information Department



DIVINE SERVICES

PROTESTANT
Sunday Worship Service 1000
Senior High Sunday School, Annex 95 0830
College & Adult Sunday School, Annex 4 0830
(across from Station Restaurant)
Other classes held during school year only.
Communion Service first Sunday of the month.

ROMAN CATHOLIC
MASS
Saturday 1700 fullfills Sunday obligation
Sunday 0700 0830 1115

BLESSED SACRAMENT CHAPEL
MASS
Daily except Saturday 1135
First Friday only 1135 1700
CONFESSIONS
Saturday 1545 to 1645
Sunday 0800 to 0825
CCD CLASSES

During School Year.
Note: The Chapel Nursery is located in Chapel Annex 1, Room 4, across from the Center Restaurant and is open without charge for children of parents attending Catholic Mass or Protestant Worship Services.

JEWISH SERVICES
EAST WING - ALL FAITH CHAPEL
Services discontinued during the summer.

UNITARIANS
CHAPEL ANNEX 95

PH1 D. C. Manderscheid, PH2 G. L. Taylor,
PH3 D. W. Yeatts
Staff Photographers

DEADLINES:
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.
The Rocketeer receives American 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 NavExos P35, revised July 1968. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

Phones 3354, 3355, 2347 Sunday Services 1930



WACOM PROVIDES BULLETIN BOARD—Betty Sturman, WACOM president, presents a \$500 check to Reinaldo Jacques, manager, Commissary Officers' Mess, for the purchase of a 4 by 8 ft. stainless steel outdoor bulletin board with a glass cover. The auxiliary gift will be installed at the COM entrance and will provide club members and guests with news of current activities and coming events.

Blue Cross Pays Benefits For Diagnostic Admissions

The Civil Service Commission has advised Federal employees that Blue Cross-Blue Shield has agreed to pay Supplemental Benefits related to diagnostic admissions to hospitals in 1971 and 1972.

Supplemental Benefits are subject to a deductible, whereas Basic Benefits are not.

For some time the Government-wide Service Benefit Plan (Blue Cross-Blue Shield) has been denying claims for certain hospital costs connected with admissions solely for diagnostic tests.

Claims denied have been for hospital room and board and related medical care when the diagnostic tests could have been made on an out-patient basis without adversely affecting the

person's health or the quality of medical care provided. Payments have been made under Basic Benefits for the diagnostic tests themselves.

Federal employees or annuitants whose claims for benefits related to diagnostic admissions have been rejected by Blue Cross-Blue Shield should now submit a Supplemental Benefits claim for these expenses to their local Blue Cross-Blue Shield plan, the Civil Service Commission said. Claims for such expenses incurred in 1971 and 1972 must be submitted no later than Dec. 31, 1973. Forms for submitting Supplemental Benefit claims may be obtained from any local Blue Cross-Blue Shield plan.

The Commission has received reports from about 140 employees whose claims have been rejected, and will contact each of them promptly to advise them on resubmitting their claims.

The Blue Cross-Blue Shield plan for Federal employees and annuitants does provide basic benefits for expenses related to diagnostic hospital admissions when the confinement is medically necessary.

Any Federal employee or annuitant who has had a claim for Basic Benefits rejected in such cases may also ask the Blue Cross-Blue Shield to reconsider the claim for basic benefits if the claimant believes the hospital admission was medically necessary; that is, that the nature of the tests or the patient's health required him to be admitted to the hospital as a bed patient.

Requests for reconsideration of such claims should also be submitted to the local Blue Cross plan.

The question of payments of benefits for diagnostic hospital admissions arose because a provision in the contract was subject to conflicting interpretations by Blue Cross-Blue Shield and the Civil Service Commission. The Commission said the provision would be clarified and that the 1973 brochures received by employees and annuitants will clearly state what benefits will be payable for diagnostic admissions after 1972.

If further information is needed, NWC employees should contact their Personnel representative.

PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 652, Extension 2069. Current applications (SF-171) or Standard Form 172 should be submitted bringing your work history up to date if one has not been submitted within the last 4 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Administrative Officer, GS-341-13 or 14, Code 3502—This position is head of staff for the Electronic Systems Department. The incumbent reports to the department head and assists him in administering the technical programs. He advises the department head on program objectives and formulates technical and administrative policies. He takes action on technical and administrative matters in the day-to-day operations. He has program responsibility for the Department in such areas as personnel management, financial management, supply systems and security. He often acts for the department head in his absence. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118, Job Relevant Criteria: Ability to work effectively with people; ability to negotiate; ability to deal with many diverse problems simultaneously and ability to motivate and influence people to accomplish organization goals. Interpersonal skills with people at all levels.

Clerk-Typist, GS-322-4, PD No. 7240185, Code 40902—Performs clerical and secretarial type duties for the WALLEYE program office under the direction of the program manager. Incumbent types correspondence, maintains files and prepares travel claims. **Job Relevant Criteria:** Demonstrated telephone reception skills and experience typing technical matter. Ability to work with minimum supervision and get along well with others. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118.

Contact Elizabeth Sodergren, Bldg. 34, Rm. 206, Ext. 2676.

Personnel Clerk (Typing), GS-203-4, 5 or 6, Code 657—Performs following duties for a major department: Processes all actions affecting appointments, promotion, change to lower grade, transfers, within-grade and quality step increases, pay adjustments, separations and conversion of appointments. Performs non-competitive qualifications ratings, processes classification actions and maintains associated files and records. **Processes claims for retirement.** **Minimum Qualification Requirements:** GS-4: one year of general experience and two years of specialized experience. GS-5: one year general experience and two years of specialized; six months of which is directly related. GS-6: one year general experience and three years of specialized; six months of which is directly related. **Job Relevant Criteria:** Qualified typist, must have a firm regulatory background and current FPM, CMMI, SecNav Instructions, OACM Instructions, and NWC Instructions to process personnel actions of all types, must have experience in non-competitive qualifications rating in terms of X-118 and J-Elements, must be able to provide procedural information concerning Federal health and life insurance retirement and other areas related to personnel.

File applications for the above with

Sue Prasolowicz, Bldg. 34, Rm. 206, Ph. 2577.

Auditor, GS-510-11 or 12, PD No. 717011, Code 1707—Incumbent provides the head, Internal Review Staff with independent, objective and constructive appraisals concerning the effectiveness and efficiency with which financial and operating responsibilities are being performed in various areas of the departments on Center. **Minimum Qualification Requirements:** Six years of experience as outlined in X-118. **Job Relevant Criteria:** Ability to work independently on diversified assignments. Ability to examine and appraise organizational procedures and operations.

File applications for above with Mary M. Morrison, Code 657, Rm. 210, Ph. 2032.

Clerk-Typist, GS-322-3/4 (Intermittent) PD No. 7230173, Code 301—Duties include typing official correspondence, timekeeping, personnel, travel orders, mail collection and distribution. **Minimum Qualification Requirements:** GS-3: 1 year general experience or 1 year above high school; GS-4: 1 year general and 1 year specialized experience. **Job Relevant Criteria:** Must be a qualified typist capable of typing official correspondence. Ability to work independently.

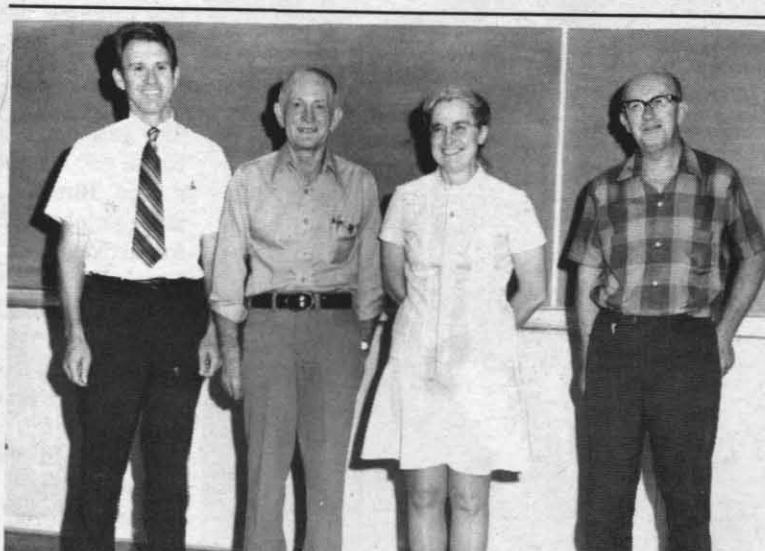
Electrical Engineering Technician GS-602-09, PD No. 7257004, Code 5712—Incumbent will supervise other technicians, test mechanics and electricians in the electrical modification of test aircraft necessary for installation of various test equipment and prototype weapons systems. **Minimum Qualification Requirements:** As outlined in X-118. **Job Relevant Criteria:** Knowledge and experience in aircraft electrical systems. Supervisory experience desirable.

File applications with Dora Childers, Code 657, Rm. 212, Ph. 2514.

Physical Science Technician, GS-1311-8 or 9, PD No. 7260088, Code 6081—Assists professional scientists in the conduct of laboratory scale experiments in combustion instability research. Prepares solid propellant samples including potting; installation of pulsed igniters and preparation with igniter paste; burner preparation, set-up of experimental apparatus including calibration, actual firing of "T" burner; and collection and preliminary analysis of data. Conducts certain experiments by himself where techniques have been previously established. **Minimum Qualification Requirements:** Two years general experience and four years specialized experience. **Job Relevant Criteria:** Ability to perform duties with a minimum of supervision. Thorough familiarity with the safe handling procedures of experimental solid propellants. Thorough understanding of the use and set-up of pressure transducers, oscillographs, oscilloscopes, tape recorders, digital voltmeters and firing circuits. **Advancement Potential:** GS-8 to GS-9.

Clerk-Typist, GS-322-4, PD No. 7040011, Code 407—Training position leading to Editorial Clerk (Typing) GS-1087 series. Employee is responsible for preparing NWC technical reports, publications for professional technical journals, internal distribution publications; Technical Progress Reports, technical books or paper for presentation at a variety of different scientific meetings. Coordinates all of the editorial, graphic, clearances, distribution, typing and printing functions necessary. The manuscripts are typed and edited by the incumbent for grammar, format, spelling, math, syntax, headings, table mentions and completion of references, footnotes and bibliographies. **Minimum Qualification Requirements:** One year of general and one year of specialized experience. **Job Relevant Criteria:** Experience operating IBM-Magnetic Card Typewriter; must work well with others. **Advancement Potential:** To Editorial Clerk (Typing), GS-5.

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30 YEAR PINS AWARDED—Three employees of the Systems Development Department recently received their 30 Year Federal pins at an awards ceremony at Michelson Lab. Dick Murphy, acting department head, presented 30-year pins to (from left) Ernest T. Long, Amy E. Griffin and Paul G. Bauer.

Employee In The Spotlight



Robert C. Nelligan

In order to be a good salesman it is important to believe in the product being offered. Bob Nelligan sells NWC.

As the associate head of the Employment Division in the Personnel Department and the recruitment coordinator for the Center, Bob's job is to convince professional people that NWC is "the only place to work and live."

He doesn't do as much traveling on recruiting trips now as he used to do, for his main task lies in coordinating the recruiting program, but once or twice a year he visits campuses to expound on the virtues of living and working at China Lake.

"My task has become easier in recent years," he said. "The fame of NWC has spread and living conditions have improved. Coupled with an increase in Civil Service pay and benefits that are more competitive with private industry, the job of 'selling' the Center to prospective graduates and other professionals becomes less difficult," he added.

Bob, of course, enjoys his job. He also loves the desert and says he and his wife, Margaret, are confirmed "desert rats." He was born in Yerington, Nev., and after a brief move to Bishop, Calif., was raised in Reno where he was graduated from Reno High School.

Bob then attended the University of Nevada and was graduated in 1936 with a BA degree in economics and journalism. He entered the insurance business in Reno and worked in that capacity for six years before joining the U.S. Navy in 1942. He attended Officers' Candidate School at Northwestern University, Evanston, Ill., and then served on the USS Saratoga as a line officer until the war ended.

He was nominated to attend the military government graduate school at Princeton University, Princeton, N.J., where he did some work toward his master's degree. Prior to his discharge in 1946, Bob was assigned to the Presidio, in Monterey, where he was the Special Services Officer.

He then became a personnel administrator for the Veterans Administration in San Francisco and transferred to Sawtelle, in West Los Angeles, during the latter part of 1947. In 1949 he came to China Lake as a position classification man under Ken Heyhoe, in the Personnel Department.

He began his work in recruitment in 1954 and became the coordinator around 1962.

"Bob Nelligan is probably the most experienced, most respected activity recruiter in the Department of Defense," said A. R. Cashore, head of the Employment Division. "He has played a significant part in improving the relationships of Federal activities and colleges in the western part of the country. The Center and the Personnel Department are very fortunate to have someone of Bob's stature leading the recruitment effort," Cashore continued.

"It wasn't always easy," Bob recalled. "In the early years, competition was fierce, but NWC has always had an ace in the hole," he smiled. "The turnover here has nearly always been small among the professional people, mainly

due to the challenging work offered and the freedom to work," he explained.

Until about 1965, NWC would recruit at 65 different college campuses, extending as far east as the University of Michigan. Now the concentration is mainly in the Rocky Mountain and western states. "Last year we held recruitment efforts at only 31 different campuses," Bob pointed out.

"Instead of trying to cover a great many schools and people lightly, we decided to intensify our efforts on just those schools close to the Center that have more rigorous qualifications to meet the standards of employment at the Center," he said.

"For example, during the past year approximately 100 new graduates were hired at several degree levels—40 per cent came from the state of California, 15 per cent from Utah and an equal number from Arizona," he explained. "This was from about 700 interviews," it was added.

Much of the success of the recruitment effort at NWC is due largely to Bob's personal interests.

"The quality of our professional staff is in large measure due to Bob's leadership," said Cashore. "In 1968, the Center awarded him the Navy Meritorious Civilian Service Award for his contributions. Personally," the branch head continued, "I have the highest regard for Bob's personal interest in each professional employee, his dedication, and his skill."

Bob and Margaret have four children—all educated in the China Lake Elementary School system and all graduates of Burroughs High School. The three girls, Ann, Susan and Nancy are married, and son Bob is attending Fresno State College. Nancy has one child, Jennifer, a constant delight to Grandpa Bob. Ann is a graduate of the University of California at Santa Barbara and Susan from Fresno State. Nancy attended Foothill Junior College prior to her marriage.

Margaret is the secretary to Gene White, who is the head of the China Lake Elementary School District's food service department.

In past years, Bob has been quite active with the Indian Wells Valley Pony-Colt League, as a coach and manager and then as president of the league. His community contributions also include past treasurer of the United Fund, past president of the Ridgecrest Kiwanis Club, past president of the Burroughs Booster Club, and presently he serves as a member of

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TWO CHIEFS RETIRE AFTER 30—Striding out of Navy life at a recent retirement ceremony in NAF's Hangar 3, ADCS Albert J. Getusky (left) and SKCM Earl O. Grohs are both 30-year Navy veterans. This has been Chief Getusky's fourth tour of duty at NWC in the course of his Navy career. This time he reported to NAF in August 1970, and since that time has worked in maintenance control and has been the NAF Leading Chief. Previously, he was at VP-50, Moffett Field. Chief Getusky and his family will stay in Ridgecrest, and he will still work at NAF—this time as a civilian for Ling Temco Voght in the F-86 program. Chief Grohs arrived at NWC in July 1970 and since that time has been in charge of the Center's Commissary Store. He came here from the Naval Station at Atsugi, Japan. The Grohs family plans to move to Hawaii.

Open Registration Begins Aug. 30 at Desert Campus

Open registration for classes to be offered during the fall semester at the Desert Campus of Bakersfield College will begin next Wednesday, Aug. 30, and continue on the next two days as well. Fall semester classes will begin on Tuesday, Sept. 5.

Signups for the 148 regular and adult education classes will be held at the Burroughs High School multi-use room between the hours of 4:30 and 8:30 p.m. on Aug. 30, and from 5 to 7 p.m. on Aug. 31.

On Friday, Sept. 1, there will be an additional open registration period from 11:30 a.m. to 3 p.m. in the college office.

Both new and returning students are urged to schedule their time in order to arrive early during the three days that open registration is in progress.

Nineteen new courses, many of them designed to meet specific career needs of NWC employees, will be included among the courses offered this fall. These include Advanced Digital Design, three courses in the field of police

On-Center Fall Class Schedule Now Available

The Personnel Development Division has announced that the Fall '72 Course Schedule was distributed to all branch offices on Tuesday of this week.

The schedule contains information on programs and courses to be held on-Center for the period from September '72 through February '73.

All employees are encouraged to read the bulletin and plan with their supervisors those courses that will aid in their career development.

Personnel Management Advisors and Employee Development Specialists are available to help in planning training needs. Any interested employee who hasn't yet seen the bulletin should check with his or her branch office.

science, a class in Fire Company Organization and one entitled Introduction to Meteorology.

In addition there are several new courses covering current problems. Included in this category are classes entitled War and Civilization, Man and his Environment, Consumer Problems and Natural Resources.

College officials have pointed out that many students overlook the low cost of community college education for the individual student. Since the community colleges receive their operating funds from state and district sources, local residents only pay for textbooks and supplies.

In addition, there is a fee of \$4 per semester for a laminated Student Services Card which includes the student's photograph.

Handbook Points Out Obligations Of NWC Tenants

Occupancy of Navy housing carries its share of responsibilities and obligations, a glance at the NWC Tenant Handbook will quickly verify.

For those who may not have had the occasion to do this in quite some time, it should be pointed out that "a tenant is expected to exercise the same care of his Navy-owned home which any prudent person would of his own property."

It is further stated in the Tenant Handbook that damage (by fire or other origin) that is caused by the tenants, their guests or visitors, and which is the result of improper acts or omissions can become the basis for a government claim against the tenant.

For this reason, tenants of NWC housing are encouraged to carry insurance on their furniture and personal belongings, as well as much liability insurance as they may believe is necessary for their own protection.

Cdr. Nygaard New Deputy Dir. of Supply

Duties of Deputy Director of Supply at the Naval Weapons Center were taken over last week by Cdr. Richard B. Nygaard, an Annapolis graduate in 1957, who was transferred here following two years with the Naval Supply Systems Command.

While his last assignment, serving as an inspector on the staff of the Inspector General, involved travel throughout the U.S. and several months in the Pacific, Cdr. Nygaard said he is anxious to get back into the supply operations field once again.

"I'm intrigued with the China Lake operation. It has a real fine reputation throughout the Navy, and I'm looking forward to becoming a part of that operation," the new NWC Deputy Director of Supply, added.

He feels particularly close to this scientific and engineering community, Cdr. Nygaard noted,



Cdr. Richard B. Nygaard

because of his background at the Naval Academy, where he has served in the past as an instructor in physics, and because of his graduate level academic work, which includes a Master's degree in Business Administration (petroleum engineering) from the University of Kansas.

A 15-year veteran of service in the Navy, Cdr. Nygaard has spent more than 10 years of that time in and around the Washington, D.C., area.

His previous assignments have included serving in the Supply Systems Command and the former Bureau of Supplies and Accounts, as well as at the Cameron Station Defense Fuel Supply Center, which is a part of the Washington metropolitan area. He also put in two years, 1960-62, as a physics instructor at the Naval Academy.

A native South Dakotan, Cdr. Nygaard grew up in the small farming community of Alcester — not far from Sioux Falls.

The NWC Deputy Director of Supply was accompanied to China Lake by his wife, Sandra ("Sandy"), and their two sons, Steven, 13, and David, 8.

Mrs. Nygaard was one of the founders and is a past director of the Navy Wifeline Association, an organization of Navy wives formed for the purpose of providing assistance for the wife and family of any Navy officer or enlisted man, and also keeping such wives informed of the Navy's role in national security.

Spotlight On Sports

By Rick Jackson



With the close of the local baseball season we find that football season is close at hand. Many look forward to those wonderful evenings of sitting on the sidelines, freezing to death, just to watch two teams run up and down the field with a small out-of-round ball.

It seems rather Romanistic to place two groups of men on the playing field just to see who can do the most damage, or such is the outlook of many people who are not football fans.

We who understand and enjoy the sport see it in a much different light. Football is fast becoming America's most widely watched sport. For all its apparent violence, it is a game that requires a great amount of skill, timing, coordination and endurance.

Some people may refer to football fans as being slightly unbalanced. This is due mainly to their not being able to understand why we are willing to sit in the rain and withstand freezing temperatures simply to see a game in person, when we could quite easily sit in the comfort of our own living room and watch the game on television.

These persons have my sympathy. It would seem that they are completely unable to fathom how anyone could become enthralled enough about a game not to care about adverse weather conditions.

To the fan goes a just reward when he has the satisfaction of seeing his team win a tough game, for the true fan has fought just as hard as any member of the team. A real fan feels the sorrow of defeat and the exaltation of victory as sharply as any team member.

So to you non-fans, you have my sincerest sympathy for being unable to enjoy a very intricate and demanding sport. To the fans go the spoils, for they are the ones who will gain the enjoyment of a fantastically exciting sport.

Jim Bradberry Cards 65 To Win 3-Club Golf Tourney

Last Saturday the China Lake Golf Club sponsored a 3-club golf tourney with approximately 60 participants. The first two places went to Jim Bradberry, who posted a net score of 65, and Keith Manley,

who netted a 69.

Gift certificates, redeemable at the pro shop, were awarded as prizes. Bradberry was presented a \$22 certificate and Manley received a certificate worth \$17. Five other certificates were awarded to the runners-up.

Coming up on the golf scene is the Men's Golf Club championship which is slated for Sept. 9-10 and will be continued on the weekend of Sept. 16-17.

Monte Carlo Car Rallye Slated This Sunday

The High Sierra Four Cylinder Car Club will stage a Monte Carlo type rallye Sunday, beginning at the Desert Empire Fairgrounds and ending at a local place of business.

The rallye, named HSFC-CASSCRFNP (pronounced huss-FICCKA-suss-KRUF-nup), is intended to be a fun time for beginners and old-timers alike.

Anyone wishing to enter may contact rallyemasters Jim Shepherd or Jim Kinnard by calling NWC Ext. 2244.

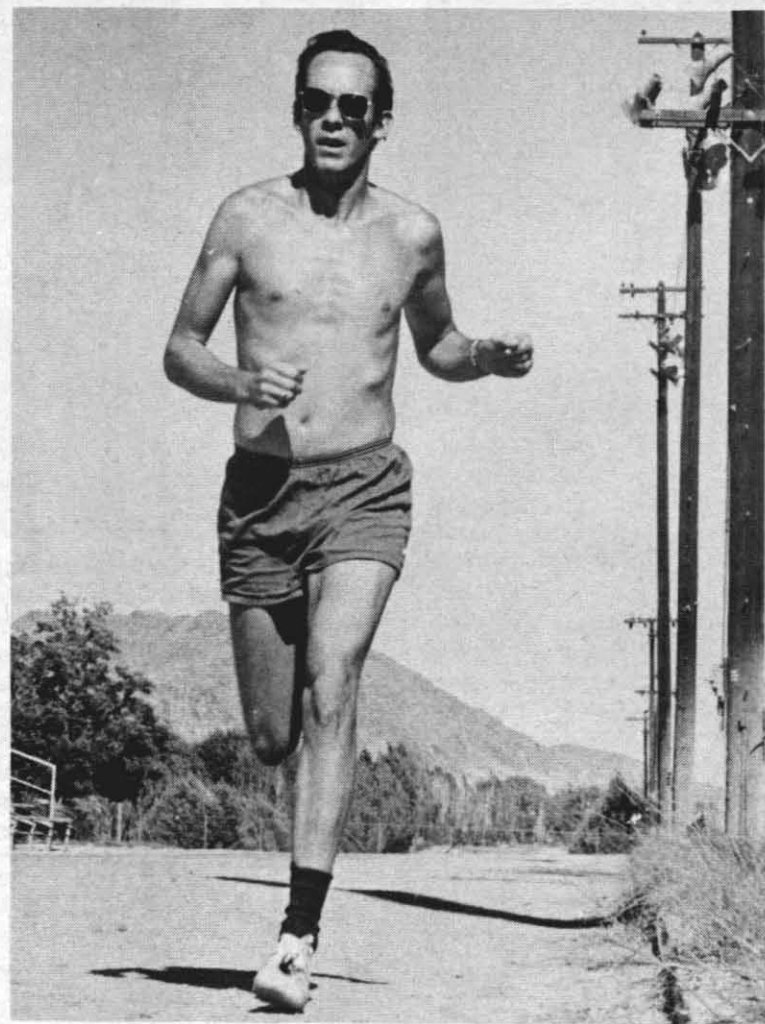
League Needs Women Bowlers

Women bowlers are needed for the Monday night women's scratch league, due to begin competition at Hall Memorial Lanes following the Labor Day holiday.

Interested women should contact Linda Jeffris, 446-3273, Jeanne Crom, 375-9626, or see Myrtle Snyder at the lanes.



FAST PITCH WINNERS—Members of the Valley Merchants, victors in the Intramural Fast Pitch League, received their trophies last week following the final game of the season when they defeated Bud Eyre Chevrolet, 5-2. The team members are, front row, l-r: Billy Brown, Ray Erfert, Jeff Radcliff, Mike Tosti, Frank Coons and Susie Hunsaker, the team's bat girl. In the back row, l-r, are: Jim Amprano, Tom Carter, Cary Dabbs, Ray McAllister, Cliff Newton, Ken Newton, Dick Clodt, manager, and Gary Pottier. The Merchants ended the season with a 16-4 record.



RUNNING FOR PERSONAL GAIN—Dick Hughes rounds the Kelly Field track late one afternoon in pursuit of a 4:30 mile, a goal that he would like to achieve one day soon. The 35-year-old NWC employee does not believe he is a member of the "over-the-hill-gang" and has three recent trophies to prove it.

NWC Scientist Runs Hard To Satisfy Personal Goals

"Running is a personal thing. It helps me to gain a certain amount of self respect, win or lose."

Richard S. (Dick) Hughes, 35, a consultant to Jack Russell in Code 35404, and winner of the McLean Award in 1971, author, engineer and family man, wants to run a 4:30 mile.

"My dad was a 4:17 miler. He was pretty good," Dick says. "I won't ever be that good, but 4:30 ... well, maybe," he contemplated.

Dick can be seen on his lunch hours and in the evenings running at Kelly Field, usually timed by his wife, Janet. He runs hard, six days a week, and the effort has taken 25 lb. off his slight frame.

He has been "in training" for the past year. Four weeks ago, all the sweat, effort and determination began to pay off. Dick entered an "All Comers" track meet in

Lancaster, sponsored by Antelope Valley College. His event was the mile and he was the winner in 5 min., .6 sec.

"That fired me up to come back the next week and try again," he said. This time Dick ran the mile in 4:51, and won again.

The third week he tried a different event, the two-mile race. He turned in a very respectable time of 10:49, 25 seconds faster than he has ever run at that distance, and won again.

"I'm undefeated," he grinned. The competition isn't that easy, either. Dick runs against high schoolers, college men and men like himself, who run for the thrill of it.

"I thrive on the competition," he offered. "I started running against other men just to see if I could hack it," he added. Dick ran the quarter-mile on the University of Nevada's track team and, he says, "I was naturally fast. I didn't have to work for it. Now I do."

Dick, along with three or four other men at NWC, is in training again, this time to run from here to Trona. "I think that would be something," he said. "If you finish, if you make it, then that's quite an achievement."

Why does he work so hard? "Running separates the men from the boys," he explained. "It's impossible to sandbag, if you've got it, you've got it, and if you don't have it, then forget it."

Deadline Arrives For Flag Football

Team captains and prospective football players are advised that 4:30 p.m. today is the deadline for flag football sign-ups. Anyone interested should contact the Center's Athletic Office at the gymnasium.

No late entries will be accepted for any reason.



By Jack Lindsey

On Monday, Aug. 14, during the game between the Bud Eyre and NAF teams of the China Lake Intramural Fast Pitch Softball League, an official protest of an umpire's call was filed by Tom Short, manager of the Bud Eyre team.

This is the first time that a protest has ever been officially filed of a game in this league since the league's inception, according to Ray Gier, recreation director.

The protest was denied after a committee met and discussed the ruling. Lowell Radcliff, the umpire in question, called baserunner Jim Lee out for what he termed "intentional interference," and because of a softball ruling covering such a happening, the batter, Drex Moulder, was also called out at first base, ending a scoring threat by Bud Eyre, which eventually lost the game, 5-4.

Radcliff's call was what is known as a judgment call, and the umpire is certainly allowed to make such judgments. What is more, the rules of softball also firmly point out that NO protest may be made of a judgment call by the umpire.

But all that is past.

I would merely like to point out that, in Lowell Radcliff, we have on this Center an umpire who is very thoroughly knowledgeable in the game of softball. He knew instantly what was right, and made his decision. Then when chief umpire Tom Fortney (he was behind the plate), thought Radcliff was wrong—at first—Radcliff cited verse and chapter and Fortney agreed with his bases umpire.

Radcliff journeyed back east last year during his vacation and took in a six-week umpire school. He emerged the spit-and-polish, no-nonsense ump who we have naturally fast. I didn't have to work for it. Now I do."

Radcliff will be an even greater asset when the time for baseball rolls around next year, for he and Fortney will be instructing persons interested in becoming umpires. I intend to make a stab at it, and I know that I'll learn quite a bit from Mr. Radcliff.

Just like a lot of ballplayers did this year.

Junior Bowler Sign-ups Begin

Junior bowlers in the local area may sign up for the fall-winter league today from 12 to 4 p.m. at Hall Memorial Lanes. In addition, Friday, Sept. 1, also has been set aside for registration. League action will begin on Saturday, Sept. 9.

Change of Command...

(Continued from Page 1)

Farewell comments by Capt. Birdwell and the reading of orders transferring him to NAS, Patuxent River, Md., preceded exchange of the squadron flag which was accepted by Capt. Crow, who first read orders assigning him here as the 15th skipper in the squadron's 22 years of operation.

Following the benediction by Chaplain Zobel, Capt. Crow dismissed the squadron to end the ceremony.

Capt. Crow, the new Commanding Officer of VX-5, is a veteran of 24 years of Navy service. He entered the Navy through the V-5 Aviation Midshipman Program, called the Holloway Plan, after attending Washington State College in Pullman, Wash., for two years.

In 1948 he was designated a midshipman at Pensacola, Fla., and his long association with Naval air service began there with his pre-flight training.

After receiving his "wings of gold" in May 1950, Capt. Crow served briefly as a Skyraider pilot with VA-195 at NAS, Alameda, Calif., before joining VF 193 for a deployment to Korea on the USS PRINCETON in November 1950 and again in 1952.

Capt. Crow next attended the General Line School at Monterey, Calif., and then reported to the Naval Air Basic Training Command at Pensacola, Fla., as an instructor in air-to-air gunnery—being assigned to Barin Field, Alabama, for the next two years.

Duty as catapult officer on the USS BON HOMME RICHARD (CVA-31) during two cruises in the Western Pacific accounted for another two years of Capt. Crow's career in the Navy and, following that, he underwent jet transition training at Olathe, Kans., in 1958.

From Kansas, Capt. Crow headed for the Naval Air Station at Miramar, Calif., where he served as a replacement air group instructor with VA 126, and, early in 1959 reported to VA 212 at NAS Moffett Field—a squadron that was to be deployed aboard the USS LEXINGTON (CVA-16).

College Offers Photo Course For Beginners

A course in beginning photography, entitled "Photography—Art 33A" will be offered during the fall semester at the Desert Campus of Bakersfield College.

John Dunker, instructor of the course, pointed out that the objectives of the class will be to talk about photography as communications, rather than as a technical art.

"My principal goal is to teach the students to see through the camera," Dunker said.

Students taking the course will shoot 35mm color slides with either a 35mm camera or the inexpensive Instamatic-type camera.

Dunker is a motion picture production specialist, employed by the Naval Weapons Center's Technical Information Department.

The classes will be held on Mondays and Wednesdays from 8 to 8:20 p.m.

In 1960, Capt. Crow enrolled at the University of Washington in Seattle and was graduated in 1961 with a BA degree. Additional shore duty (two years with the Navy Bureau of Personnel) followed before the new Commanding Officer of VX-5 reported to VA-124 at NAS Lemoore for replacement air group training in the A-4 aircraft and joined Carrier Wing NINE as operations officer.

Two combat tours to Vietnam with VA-93 followed—the first on the USS RANGER (CVA 61) and then aboard the USS ENTERPRISE (CVAN-65) during its history-making first combat cruise. During the latter part of this second cruise, Capt. Crow became the Executive Officer of VA-93 and served in that capacity until August 1968 when he reported to VA-66 at NAS Cecil Field, Jacksonville, Fla., also as Squadron Executive Officer.

When VA-66 deployed to the Mediterranean aboard the USS AMERICA (CVA-66), Capt. Crow assumed command of the squadron early in June of 1968—at the height of the 6-day war between Israel and Egypt.

Returning to Cecil Field, Capt. Crow next served with VA-174—the East Coast A-7 Carrier Replacement Air Wing prior to attending the Army War College at Carlisle, Pa.

For the past two years, prior to his present assignment as Commanding Officer of VX-5, Capt. Crow served with the Naval Air Systems Command in Washington, D.C.—first as the A-7 Deputy Project Manager and for the past seven months as Project Manager.

During his extensive career as a Naval aviator, Capt. Crow has been awarded the Distinguished Flying Cross, 13 Air Medals, the Navy Commendation Medal with Combat V and two Purple Hearts.

Capt. Crow and his wife, the former Mary Ann Padoshek, of Spokane, Wash., have four children—Michael, Stephen, David and Melissa. The oldest son, Michael, is now starting his Plebe year at the U.S. Naval Academy.



EXCELLENT SAFETY RECORDS HONORED—F. A. Chenault, in center, head of the Systems Development Department (Code 30), and B. F. Husten, head of the Fuze Department (Code 50), each received a significant achievement award from Rear Adm. W. J. Moran, NWC Commander, in recognition of 1,000,000 man hours without a lost-time accident in their departments. The awards were presented as part of the NWC Safety Department's incentive-recognition program.

Safety Program Tops...

(Continued from Page 1) employees, than to have a first rate solution which is resisted," he explained. "Most of the time, because of our approach to the problems, we get both a first rate solution and one that is supported," he added.

"It has never been our theory to change someone's attitude," Skaar continued. "Our staff, by working effectively on problems and by showing people we are interested in them as individuals, finds that once the feeling of trust is established with the people served, attitudes then do change in a direction favorable to safety."

Skaar stated that a good safety program must be compatible with the mission of the Center and also with management's ideas about running the Center. At NWC, Skaar feels, this has been accomplished to a great degree.

One of the first things Skaar initiated after becoming head of the Safety Department was a report to management on a monthly and yearly basis. He also began Center-wide training programs, not only for others but

for the Safety Department staff as well. At the present time, the staff still continues approximately 1 1/2 hours of such training per week.

He did not come to the job with pre-conceived notions but, as Skaar puts it, "... learned right along with the others."

He adopted a tactic known as "goals discussion," and still continues this practice with his staff. Both negative and positive ideas are wrung from the staff during these discussions, and from these opinions and ideas, good relationships between employees and departments are born.

"One of the most important aspects of our program is the inclusion of the employee in solving safety problems," Skaar reiterated. "I think this has been the key to our success at NWC," he said.

Skaar's idea, one that he will be teaching this September at the Naval Ordnance Systems Command's safety school at Bloomington, Ind., of participative problem solving, is beginning to gain acceptance Navy-wide. He will instruct a safety management class which combines the two values he places the most dependence on—a trust that the people want safety and will support it if allowed to solve many of their own problems.

"In order for a command to gain a high degree of safety, such as NWC has, a good staff of safety experts is necessary," Skaar said. "At NWC, we have one of the finest in the U.S. Navy," he concluded.

Jewish Women

Plan Open House

An open house, sponsored by the Jewish Women's Club, will be held at Ruth Schuyler's residence, 136 Silver Ridge, Ridgecrest, on Sunday from 3 to 5 p.m.

Student Rabbi Paul Tuchman will be the guest of honor and is looking forward to meeting with and getting to know members of the Jewish community in the Ridgecrest-China Lake area. All interested persons are invited to attend.

Louis Davidove, president of the NWC Hebrew Congregation, will be in attendance, and plans for the High Holy Days, beginning with Rosh Hashanah on Friday evening, Sept. 8, will be firm up and announced at that time.

Pollution...

(Continued from Page 1)

programs. These are review and surveillance; technical assistance to field activities; liaison with state, local and federal pollution agencies; development, programming, budgeting and execution in coordination with claimants-commands of pollution abatement projects, and administration of an applied biology program.

Paul O. Erickson outlined the responsibility of the Public Works Department to implement the Environmental Quality Program at NWC and discussed the pending NAVWPNSCEN Instruction which indicates that Code 70 will provide coordination with external activities and establish and maintain awareness and knowledge of directives, instructions and procedures pertaining to pollution abatement and conservation programs.

Dr. Rick Roberts, head of Code 3041, and Paul Owens brought their mobile van to the meeting to illustrate the Center's capability for measuring carbon oxygen, oxides of nitrogen and particulates in air.

Dr. Roberts indicated that his group is expanding its capabilities for measurement and will soon be able to assist Center personnel and other facilities with pollution abatement studies.

The meeting was concluded with a discussion of the impact on the environment of various Center activities and testing programs.

Auto Parking To Be Banned In Two Areas

As an assist to workmen, whose job it will be to remove a coating of sand that was placed on streets, vehicle parking on streets in the Capehart B housing area and in Desert Park (Wherry housing) will be banned on two days during the coming week.

On Tuesday, Aug. 29, sand will be removed from streets in the Capehart B housing area, and this same task will be handled on Thursday, Aug. 31, in the Wherry housing area.

Once the sand has been removed, it will be possible to return to the schedule of weekly street sweeping operations, a spokesman for the NWC Housing Division said.

A coating of sand was poured on streets in the Capehart B and Wherry housing areas in order to soak up oil that was surfacing through the asphalt.

CPO Wives Plan Back-to-School Fashion Show

The CPO Wives Club will stage a "back to school" fashion show at Grants Department Store, in Ridgecrest, next-Thursday.

Two times have been set aside for the modeling sessions—3:30 and 7:30 p.m. Children of the CPO Wives will act as models during the show.

Milt Wagner, manager of the store, will make a contribution to the CPO Wives' Indian child fund for their participation in the program.

There is no admission charge and everyone is invited.



FLAG OFFICER VISITS NWC—Rear Adm. W. M. Harnish, right, the new Commander of the Pacific Missile Range, Pt. Mugu, was greeted at NAF by Rear Adm. W. J. Moran, NWC Commander, during a visit last week. Rear Adm. Harnish received technical briefings while here and was taken on a familiarization tour of NWC. In addition, he met with top management to discuss continuance of the excellent working relationships between Pt. Mugu and the Naval Weapons Center. VX-5 Photo

Capt. Bennett Now Senior Medical Officer at NWC

Capt. Wayland Bennett, a veteran of 31 years of service in the Navy, is the new Senior Medical Officer and head of the Medical Department at the Naval Weapons Center, replacing Capt. Gerald W. Jauchler.

Among the more interesting events he has been involved in during more than three decades in military service, Capt. Bennett reported, was being one of the medical officers assigned to bring home the crew of the USS Pueblo after their release from a North Korean prison in December, 1968.

Earlier that year, Capt. Bennett had left the post of acting Senior Medical Officer at the Mare Island Naval Shipyard, Vallejo, Calif., to serve as a medical advisor to the Republic of Korea Navy and Force Medical Officer.

Capt. Bennett and other medical personnel met the 82 members of the USS Pueblo crew at the 121st Evacuation Hospital, near Seoul. With the exception of vitamin deficiencies, the officers and men of the Pueblo were generally "in pretty good shape," the new NWC Senior Medical Officer recalled.

A native of Leavenworth, Kans., where he joined the Navy on Oct. 23, 1941, Capt. Bennett's lengthy military career has included service as an enlisted man, with the rating of HA1 (equivalent to today's hospitalman) and also duty as an engineering officer on a Landing Ship (Medium) during the latter part of World War II.

Two years of pre-medical training at DePauw University in Greencastle, Ind., prior to joining the Navy laid the groundwork for Capt. Bennett's entry into the medical field as an enlisted man. After attending Dental Technician School in San Diego he was sent to a Pre-Flight Training School at Pasco, Wash., before transferring to the Midshipman School at Columbia University and being commissioned an ensign in November, 1943.

Subsequently he attended a Diesel Engineer School at North Carolina State University, which led to service in the Okinawa campaign as an engineering officer on an LSM.

Bloodmobile To Visit Ridgecrest Next Tuesday

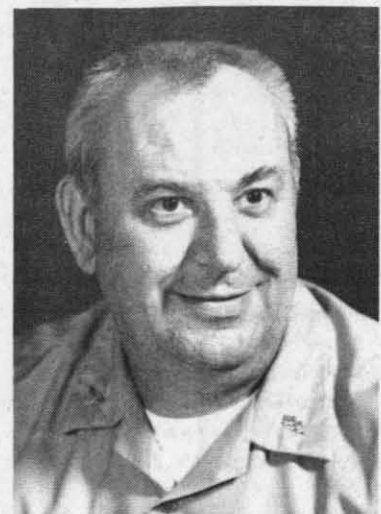
An opportunity for all local residents between 21 and 65 years of age who are in good health to do a neighborly good turn, and also benefit themselves should the day come when they are in need of a blood transfusion, will be presented next Tuesday afternoon when the Houchin Bloodmobile will be at the Ridgecrest Elks Club, 201 E. Church St., Ridgecrest.

Hours of operation at the bloodmobile will be from 2 to 6 p.m. on Tuesday, according to Mrs. Mae Read, chairman of the Indian Wells Valley Blood Bank.

Donors will be credited with giving a pint of blood, which can be designated for a specific beneficiary or for later use by anyone in need.

The Houchin Bloodmobile from Bakersfield makes quarterly visits to the local area to assist in replenishing the supply of blood credited to the Indian Wells Valley Blood Bank.

Released to inactive duty in December 1945, Capt. Bennett remained in the Naval Reserve and re-entered the Navy on active duty as a Ltjg. after completing Medical School at the University of Virginia, and serving his internship at the Naval Hospital in

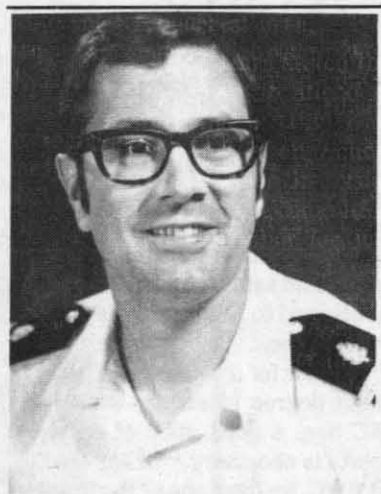


Capt. Wayland Bennett Portsmouth, Va., in June 1951.

Other than his service in Korea and a tour of duty on the Island of Guam, most of Capt. Bennett's service as a Navy medical officer has been in and around the San Francisco Bay area at the Naval Hospital in Oakland, at the Naval Air Station in Alameda, and at the Mare Island Naval Shipyard in Vallejo.

His last assignment, prior to being transferred here was a three year hitch at the Naval Training Center in Bainbridge, Md., where his duty was that of Senior Medical Officer.

Capt. Bennett and his wife, Ellen, have two married sons and are the grandparents of two little girls. One son, Wayland Richard Bennett, has been in the Navy for nearly seven years and is a nuclear reactor operator (ET2) on the Submarine USS Puffer. Another son, Ronald, lives in Vallejo.



NEW NAVY DOCTOR — Lt. Richard T. Swanson has begun his first tour of Navy duty at China Lake, where he is assigned to the NWC Dispensary. A native of Seattle, Wash., Lt. Swanson was graduated from the University of San Francisco, with a philosophy major. He went to medical school at Creighton University in Omaha, Neb.; then he served his internship at Highland General Hospital in Oakland, Calif. Listed as a general medical officer at the Dispensary, Lt. Swanson has a particular interest in internal medicine. Lt. Swanson and his wife, Marilyn, have an 11-month old daughter, Jenny. The Swansons have moved to a good area for him to pursue his hobbies of hiking and climbing. Mrs. Swanson likes to sew.

Trips Close to Home

Bristlecone Pines Are Awe-Inspiring

By Jack Lindsey

The Bristlecone Pine trees are the oldest known living things in the world. The oldest of them is scientifically judged to be over 4,600 years old.

Photographers from all over the world have climbed to the 8,500 ft. and 11,700 ft. level in the White Mountains, located east of Owens Valley, to take colored photos of the gnarled, weather bent trees.

The way to reach the Bristlecone Pine area is to turn east off Highway 395 onto the paved road to Goldfield, Nev., just one-half mile north of Big Pine. Continue to the top of Westgard Pass (elev. 7,814 ft.). Thirteen miles from Big Pine, turn north at the large sign giving Bristlecone Forest directions.

The best time to visit this area is during the months of July, August and early September. Visitors should take their own drinking water and some warm clothing.

Colorful Old Towns

Many old western towns with colorful pasts are located in—or near—the Owens Valley area. So far, only one, Bodie, has been preserved as a state park.

Some of these towns—and their locations—are:

Laws, northeast of Bishop, on Highway 14. The town died when the Owens River was diverted to the Los Angeles aqueduct. A museum is located at Laws. In addition, a depot, water tower and hand-pushed turntable for the narrow-gauge train which ran from Owens Valley to San Francisco are still standing.

Benton, a silver camp in the 1860s, is located four miles off of Highway 14. From Bishop, take Highway 14 to the Benton Station, then turn west. Several historic buildings and the town's cemetery remain.

Monoville was the first settlement of any consequence in California east of the Sierras, south of Tahoe. Monoville is located north of Owens Valley on Highway 395 and several miles from Mono Lake. Travelers have to search to find this town. The best clue to the location lies in the rickety windlass over a shaft, sunk by a hopeful mining company.

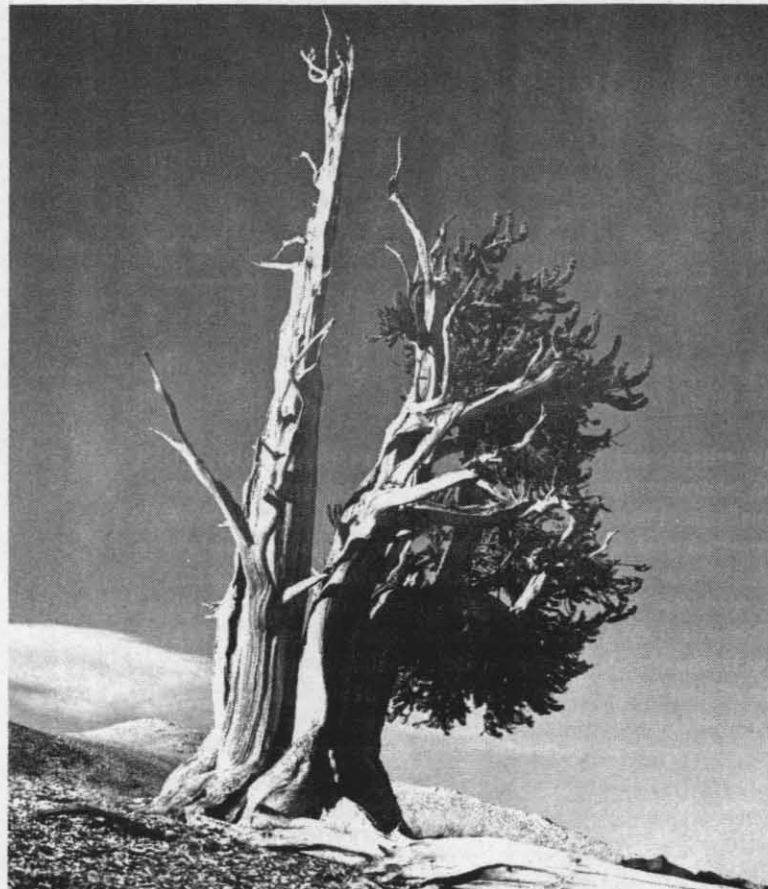
Cartago lies at the southern tip of Owens Lake and once was a bustling port. The Bessie Brady, a stern-wheeler, would make trips across Owens Lake from the Cerro Gordo mines, then teamster would haul the bullion to Los Angeles from Cartago.

The location of the town of Swansea, now marked with a historical plaque, is northwest of Keeler on the eastern side of Owens Lake. All that remains is a

Dance Slated Tonight for Jr. High Youth Gp.

The NWC Youth Center will hold a record hop tonight from 7 to 11 o'clock for boys and girls in junior high school through the 10th grade.

Admission is 50 cents per person and the proceeds will be used to help meet expenses that will be incurred by the Indian Wells Valley All-Star Girls' softball team when the team competes in the Southern California Municipal Athletic Federation's softball tournament. The action starts Monday at Bell Gardens.



AWE-INSPIRING—Bill Feltkether, well known local photographer, captured this ancient sentinel on film as it reaches its withered arms skyward. This week's travel article directs Centerites to the White Mountains where these oldest living things on earth may be found. Also included is information about some interesting side trips.

furnace and a boarded-up stone building, where once was a thriving salt mine.

Keeler was involved in the mining, milling, teaming, shipping, woodcutting and charcoal burning in the early 1900s for the Cerro Gordo mines. Many old houses, plus the Carson and Colorado Railroad water tank and depot are still standing at the townsite. Keeler is located on the east side of Owens Lake and may be reached via Highway 190 from Olancha.

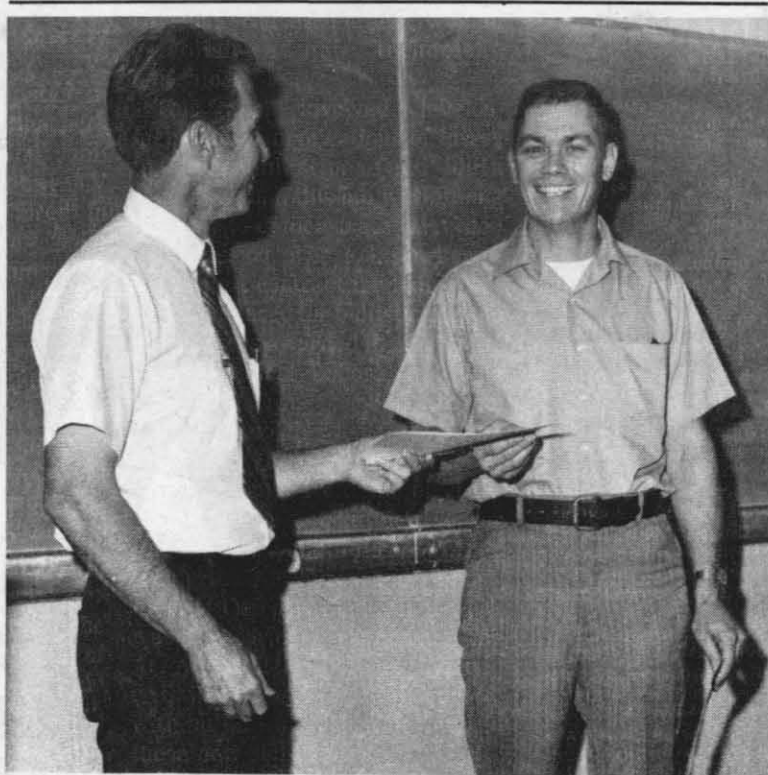
The mines of Cerro Gordo are found about eight miles from Keeler. The mining operations have been silent since the early 1940s, however the mine was working for many years (1865-1941) and many buildings still stand. A word of caution, Cerro Gordo is closed to the public, but enough interesting structures can be seen from the road to make the

trip worthwhile. (Tourists might need a four-wheel drive vehicle to traverse the road up to the mine).

At its peak, the town of Darwin had a population of 5,000. That was in 1870. Today, mine workings, cabins and a pumping plant still exist in the vicinity, and the mine is worked occasionally. A view of the Panamint Valley, 12 miles away and 3,000 ft. below the site, is of photographic interest.

Manzanar is located between Lone Pine and Independence on Highway 395. During World War II, some 10,000 Japanese Americans lived here in a relocation camp, which today is deserted.

(Editor's Note: The author of this column would like to thank the China Lake branch of the American Association of University Women, from whose book "Indian Wells Valley Handbook," much of this information was gleaned.)



JOINT PATENT AWARD — At a recent awards ceremony, two employees of the Systems Development Department, Charles E. Wood and Gerald E. Kovalenko (not pictured) received a joint award for their patent entitled "Fluidic Analog Ring Position Device." Dick Murphy (at left), acting department head, is shown presenting the award to Wood who accepted for both men.



School Unification Plan...

(Continued from Page 1)

motion in reference to the Rand School District, since a spokesman for residents of that area has indicated their opposition to being included in a unified school district that also would take in Burroughs High, as well as both elementary school districts in the China Lake-Ridgecrest area.

Dr. Spears stated that he hopes to be able to attend the Sept. 19 meeting of the Kern County Committee on School District Organization in order to urge action by the committee approving the local plan for unification of schools. If he is unable to be present, Dr. Spears will ask Dr. Rex Shacklett, long-time Ridgecrest member of the county committee, to make a similar request on behalf of the two local elementary school districts.

If in agreement on the desirability of such a move, the Kern County Committee will send its recommendation to state school officials, whose approval also is necessary prior to the holding of public hearings here on the question that ultimately can be decided only by a vote of those living within the area proposed for unification.

Representatives of the Rand School District will have the chance to present their views on being included in a unified school district here, but, according to Dr. Spears, both the Kern County Committee and state school officials will make their decision on this matter on the basis of what is best for the total area.

In the past, Dr. Spears also noted, trustees and administrators of the Kern High School District have gone on record approving the

inclusion of Burroughs High as part of a local unified school system.

In other business taken up at Monday night's school board meeting, favorable action was taken on a recommendation that the China Lake Elementary School District enter into an agreement with the Kern County Superintendent of Schools for participation in the Regional Educational Television Advisory Council (RETAC).

For the first time, all of the district's kindergarten through sixth grade schools are set up to receive Channel 28 educational TV programs, and a portion of Murray School also can be served by ETV.

The contract for participation in RETAC will enable local teachers to receive information and summaries about educational TV programs that will be aired in order to incorporate such programs into their teaching plan as desired.

An increase in food service prices during the coming school year also was approved by district trustees. There has been a boost from 40 to 45 cents in the price of Type A lunches served youngsters in the first through sixth grades, and an increase from 45 to 50 cents for Type A lunches available to seventh and eighth graders.

Among personnel matters, the board approved the hiring of Shirley Helmick as a full-time music instructor, replacing Ruth Kirley, who retired.

Aetna Agent Due

Howard Keenan, the Aetna Insurance representative, will be at the Community Center on Tuesday, from 9 a.m. until 4 p.m., and Wednesday, from 9 a.m. until 3 p.m.



HARRIERS ARRIVE—In the photo at left, the sharp needle-nose of a Hawker-Siddeley Harrier, the tiny British "jump jet," gleams as two ground crewmen check the aircraft out following a flight from Beaufort, S. Car., home of VMA-513. The Marine squadron will be at China Lake for the next four weeks while undergoing evaluation of weapons delivery systems and an operational evaluation, called project "Battle Cry." Pilots of VMA-513 are presently carrying on these tests here, hosted by VX-5, and with VX-4 at the Pacific Missile Range, Pt. Mugu. Twelve of the AV8A aircraft were flown to China Lake for the tests. Above, one of seven C-130s (used for transportation of the squadron and all its equipment) is shown being unloaded at NAF of its complement of VMA-513 personnel. While at China Lake, the Marines will use Hangar 1 as their headquarters. Three hundred men—270 enlisted men and 30 officers—were brought from Beaufort to support the tests at China Lake.

Dr. I.H. Swift Returns to China Lake

Dr. Irvin H. Swift, a former branch head in the old Aviation Ordnance Department for nearly 10 years, returned to work Monday at the Naval Weapons Center after an absence of more than 16 years.

Dr. Swift's new position here is that of Associate Head of the Research Department and Head of the department's Applied Science Division.

Since leaving China Lake in November 1955 to participate in a short-lived business venture in Houston, Tex., that involved the development of instrumentation for the oil industry, Dr. Swift was employed for nearly four years by the Santa Barbara Research Center.

At Santa Barbara he was responsible for a group of employees who carried out research and development work on advanced infrared sensors.

Leaving the Santa Barbara firm in April 1961, Dr. Swift has held increasingly responsible positions with the North American Rockwell Co. for the past ten years.

Until 1967 he was director of the Electro-Optical Laboratory of the Space and Information Systems Division. His assignment was to establish a new technology laboratory.

This work involved developments in the applications of lasers to communications and data recording, and this lab was among the first to demonstrate television transmission over a laser beam.

The first contract for long wave length infrared for ballistic missile defense was awarded in 1963 to the Electro-Optical Laboratory while Dr. Swift was serving as its director, and this led to two contracts to develop sensors for measurements from an aircraft.

When virtues of the new sensor technology became recognized within the Air Force and Department of Defense, the level of work was increasingly expanded. The Army Ballistic Defense Agency (ABMDA) was formed about 1968, with an optics division devoted to these new sensors.

In 1967, the Electro-Optical Laboratory headed by Dr. Swift was transferred from the Space Division of North American to the Autonetics Division and moved from Torrance to Anaheim, Calif. Since then, the laboratory has

grown from 40 to 140 men. Most of its work has been in infrared sensors, along with some laser equipment development.



Dr. Irvin H. Swift

In early 1969, Dr. Swift became the staff scientist to the Electro-Optical Laboratory. In this post, he was responsible for company-sponsored research and development, assisted in the preparation of proposals, and presented papers at government meetings.

During October and November of 1970, Dr. Swift was chairman of the Sensors and Discrimination Panel for an ABMDA-sponsored study that was carried out in

Seattle, Wash., on ballistic missile defense systems.

During the past year, Dr. Swift has directed research and development on the problem of reducing nuclear effects response of infrared detectors and devised two patentable concepts aimed at making viable desired infrared sensor application concepts for systems.

Among his hobbies and outside interests have been sailing, coin collecting and the development of a portable unit to make brain waves audible for feedback to a person.

In addition, during the past two years, Dr. Swift has been a layman mental health counselor and has worked under the supervision of psychiatrists and psychologists with patients enrolled in individual and group therapy.

Dr. Swift's wife, Hope, is a state-licensed marriage, family and child counselor.

Dr. and Mrs. Swift have three children, a married daughter, Mary Lou Vogel, 25, and two sons, Bob, 22, and Randy, who is 17. Bob was graduated this summer from UC, Santa Barbara, and will be residing here.

Promotional Opportunities...

(Continued from Page 2)

Warehouseman, WG-06907-4, Code 2591—Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stows, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C. Applicants must submit a supplemental experience statement. Forms can be picked up in Room 204, Personnel Department. Job Relevant Criteria: Ability to do the work without more than normal supervision. Ability to prepare and process supply documents. Ability to perform warehouse procedures. Ability to follow directions. Ability to work safely. Physically able to lift up to 100 lbs. Advancement Potential: WG-5 and 6.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 240, Ph. 3118.

Maintenance Scheduler, WD-4705-37, JD No. 103-1, Code 7040—Incumbent schedules work among the various work centers of the Maintenance Division of the Public Works Department, and between work centers and outside work sites, authorizes initiation of work projects, and balances workload and available manpower; checks progress being made on job orders and reschedules work where necessary. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

Heating Equipment Mechanic Helper, WG-5309-05, JD No. 130-1, Code 70433 (2 vacancies)—Assists journeyman in duties involving primarily installation, repair and/or replacement of gas-fired heating equipment. During peak load conditions in the summer months assists journeyman on installation, maintenance and repair of evaporative cooling and ventilating systems. Incumbent will be participating in a Journeyman Development Program. Minimum Qualification Requirements: Rating will be on the basis of the appropriate J-Elements Standard in accordance with the CSC Handbook X-118C.

File applications and supplemental experience forms for above with Donna J. Jones, Code 657, Bldg. 34, Rm. 210, Ph. 2393.

Laborer (Heavy), WG-3502-03, JD No.