



FIRST THREE ENTRIES—First to register for the annual China Lake Golf Club Championship Tournament to be held the weekend of October 8-4 are (l-r) Floyd Rockwell, Grant Gorman, and Capt. W. W. Hollister.

Retired Military Not Eligible for Some Civil Service Jobs

The employment of retired commissioned and warrant officers in the civil service is complicated by laws which prohibit employment in certain cases and permit it in others. Recent cases have resulted in unpleasant effects on some people who have retired.

All retired commissioned and warrant officers should review their status and records to assure themselves that they are eligible for the salaries paid. Information below is included for the guidance of those retired from the military service.

● A retired officer, whose retirement is for disability, incurred in combat with an enemy of the United States, or caused by an instrumentality of war in line of duty in time of war may hold a Federal position without limitation on pay.

● A retired regular officer whose retirement is for injuries or incapacity incurred in line of duty but not for one of the above may hold a Federal position at any salary, but cannot receive, in addition, any retired pay for commissioned service which would cause the combined annual rate to exceed \$10,000. If the retired pay is \$10,000 per year or more he must elect to receive either retired pay or the salary of the Federal position.

● A retired reserve officer may hold a Federal position at any salary and may receive his full retired pay without regard to the \$10,000 limitation as long as he retains a reserve status.

If a retired officer is in doubt as to his status, personnel technicians in the Personnel and Community Relations Department will be glad to discuss his case with him.

Telephone Directory Data Cards Go Out With Checks Friday

Next Friday, September 25, Civil Service employees will receive, along with their paychecks, IBM cards distributed by the Telephone Business Office.

Military personnel, Navy Exchange, school and other employees will receive their cards during the week beginning September 27. All personnel should complete the cards, showing name, home address, home phone, office phone and code, and forward them to the Telephone Business Office, Code 8544, by October 16.

The information obtained will be entered as received in the Station Telephone Directory, which is to be published in December.

It is of utmost importance that the IBM cards be returned by Oct. 16 for inclusion in the new Telephone Directory. With the cooperation of all employees on the Station, the Directory can be an accurate and useful publication.

Sunday School Teachers Workshop Slated Tomorrow

The opportunity to attend a local workshop for Sunday School teachers is being offered by the NOTS Community Church in the Richmond School auditorium tomorrow, September 19, from 1 to 4:30 p.m.

Mrs. Wallace G. Frasher, Director, Department of Christian Education of the Southern California Council of Churches, will be the guest speaker. Her subject will be "Gaining New Insights Into This Job of Teaching." This will be followed by group discussion, evaluation, and a coffee hour.

All Sunday School teachers and people interested in teaching children from all local churches are invited to participate.

Reorganization Planned For Cub Scout Pack 103

Cub Pack 103, sponsored by the Knights of Columbus, Council No. 3199, will have its first Pack meeting in a reorganization drive next Monday, September 21, at 6:30 p.m. at Vieweg School. Den mothers, parents, and Pack members are urged to attend.

Plans for the coming year include monthly outings and educational and travel movies to be shown at Pack meetings. Attendance awards will be presented to the Den having the most members and parents present, and individual awards will be presented to the Cubs.

A plan to record the progress and ability of the individual Cubs, their respective Dens, and the Pack as a whole, is underway. Colored slides will be taken at all Pack and Den activities and will be a regular part of each Pack meeting.

All future Pack meetings will be held on every fourth Tuesday of the month at Groves School at 6:30 p.m. The committee meeting will be held on the second Tuesday of each month.

Animal Activities

Dogs	
Strays picked up, released to owner	7
Destroyed at owner's request	20
Destroyed after time limit	14
Given away	7
Died in kennels	2
Now in kennels	7
Picked up for medical observation	1
Being observed medically, released to owner's care	3
Still in kennels for medical observation	5
Females brought in	2
Total handled	68
Impoundment fees (\$8)	\$44
Cats	
Picked up, destroyed	6
Brought in by owner for destruction	16
Total animals handled	90

New Amendments to State Vehicle Code Affect All Drivers

The motorist who mixes alcohol and tranquilizers will be liable to conviction as a drinking driver under new legislation that becomes effective today, Bradford M. Crittenden, Commissioner of the California Highway Patrol, announced yesterday.

"This new law closes a loop hole through which many drivers have escaped punishment ever since the use of tranquilizers became widespread," Crittenden continued. "The people actually were in no condition to drive an automobile, but because the amount of alcohol they had consumed was not enough to cause intoxication by itself, the cases were lost."

"The new amendment specifically prohibits driving an automobile while under the combined influence of an intoxicating liquor and any drug."

This change in the law is one of several that will become effective today. Not included, however, is the new 65-mile-per-hour maximum speed limit which does not become operative until next January 1.

New Speed Laws

There are two changes in speed laws that do become effective today, however. One increases the maximum speed for three-axle trucks and truck-trailer combinations from 45 to 50 mph while traveling on highways of four or more lanes. The other fixes the maximum speed for a farm labor truck or bus at 45 mph while transporting passengers.

Another provision dealing with speed authorizes the State Department of Public Works to establish minimum speed limits, and no person may drive at slower speeds except when necessary for safe operation or in compliance with the law.

Pedestrian Responsibility
"Pedestrians will be affected by another change in the Vehicle Code," the Commissioner said. "They will now have to yield the right of way to all vehicles lawfully in an intersection even though the signal changes to 'go' for pedestrian traffic."

Freeway Stop
Another new section prohibits stopping, parking or leaving a vehicle standing upon a freeway, except when it is necessary to stop to prevent injury or damage, or because the car is disabled, or when stopping is required by a police officer.

Unitarian Group Starts Child Classes

The Unitarian Fellowship is initiating locally a religious education program for school age children attending first through high school grades.

Registration will take place Sunday, September 27, between 9:30 and 10:30 a.m. in the Anchorage. Parents should accompany the registrants.

All classes are scheduled to start the following Sunday, October 4, in the Anchorage from 9:30 to 10:30 a.m.

Students will be divided into five groups: first and second graders; third and fourth graders; fifth and sixth graders; junior high; and high school.

Teachers of the groups as listed above will be: Jolly Sheffer, Ken Johnson, Mary Ann Moore, Warren Ridpath, and Jim Weeks.

College Trig Course Open for Enrollment

Math C, a class in beginning trigonometry, offered by Bakersfield College, has been rescheduled and will meet from 7-10 p.m., on Monday nights, only. The instructor will be William E. Sanson, a Burroughs High School teacher.

Those wishing to re-enroll should report to Room 25, Burroughs High School, at 7 p.m. next Monday, September 21.

Rocketeer Deadlines

News, Tuesday, 4:30 p.m.
Photos, Tuesday, 11:30 a.m.

Desert Art League Opens Fall Season

Wendy Minnich, former resident of China Lake for many years and a prominent artist, will be guest speaker at the September 21 open public meeting of the Desert Art League at 8 p.m. in the Community Center. She was co-founder of the League.

The program will consist of an exhibit of her paintings and an oil painting demonstration followed by a discussion period.

Wendy became a painter by accident. During the period of her life when she was a stage dancer and a student of the renowned Ted Shawn, Miriam Winslow, and Martha Graham, an injured knee disrupted her career. Sentenced to a year on crutches, she turned to painting and a whole new career developed.

Her success in the art field has led to individual exhibits in Columbus, Ohio; at the Lucien Labaudt Gallery in San Francisco; Canoga Park; Colorado Springs, Colo.; and Bakersfield, California. Her works have hung in two jury-selected shows in the Fine Arts Museum in Columbus, Ohio, and at the Butler Art Institute in Youngstown, Ohio, where a seven-state jury selected paintings for hanging.

At the Eastern Kentucky Art Exhibits, Ashland, Kentucky, she was awarded first and second watercolor prizes and outstanding show awards for oils. At present, her paintings are sought by one of the finest department stores in Los Angeles in conjunction with interior decorating of custom-designed homes.

Midget Racers End Season With Open Desert Empire Race

Midget racers from all over Southern California have been invited to participate in the last event of the season of the Desert Empire Quarter Midget Association tomorrow night at the track just off SNORT road.

Warm-ups begin at 5 p.m., while time trials start at 5:30. There will be competition among Novice, Class "A" and Class "B" racers. During the evening the perpetual track record trophy will be awarded to the winner in each class, and winners in each class will be given high point trophies.

Those attending the race may begin the evening at 4 p.m. with a big plateful of spaghetti for 65 cents for adults and 35 cents for youngsters.

Fair Entry
At their booth at the Desert Empire Fair this weekend, a quarter midget racer will be on display, along with a disassembled engine. Trophies won by local youngsters at other tracks will be displayed, including one from the Grand National in Phoenix.

Winning ticket holders may claim their prizes—2 bicycles, a transistor radio, electric fry pan, electric train, spinning reel and ¼-inch drill motor—Sunday afternoon at the booth. Proceeds from this activity are used by the Association in track upkeep, insurance and purchase of trophies.



MUG-OF-THE-MONTH—This month's joint winners receive the award from Capt. L. S. Moore, Director of Supply, for their beneficial suggestion to attach rings to lever on air conditioners and the use of hooked poles to control units which are placed too high to reach from the floor. Recipients are: Bernice Ingle (l) and Blanche McKernan.

The Crew's News

Seven Marines have reported to the Station to begin their tour of duty with the Marine Barracks.

The new arrivals and their home towns are as follows: Leslie G. Reiser, Racine, Wisconsin; Thomas E. Spain, Seattle, Washington; James F. Palsno, Ft. Defiance, Arizona; Arthur L. Hoff, Houston, Texas; Gene R. Kinne, Spokane, Washington; and Hardin E. Dickens, Evansville, Indiana.

NAF
Reporting to the Naval Air Facility this week from VP-1 at Whidbey Island, Washington is Francis N. Garrison, AD2. He claims Clarendon, Texas, as his home town.

NOTS
Two men of NOTS Enlisted Personnel Division received promotions to Chief Petty Officer this week. Richard H. Arnold was promoted from Pipe Fitter, first class, to Chief Pipe Fitter. Richard N. Boden was promoted from Boatswain's Mate, first class, to Chief Boatswain's Mate.

Boatswain's Mate, first class, Robert J. Meyer completed 22 years of active duty this week and enters the Fleet Reserve. He has accepted a job with the Security Division and will remain at China Lake.

MCGMTU
The Marine Corps Guided Missile Unit saw three of their men transferred this week and one join the ranks of the retired.

Transferred to the Force Troops at Twenty-Nine Palms were ASgt. K. K. Keeler and AMSgt. Walter L. Vaughn. ACpl. Alvin H. Hartline departed for the 1st Marine Division at Camp Pendleton.

Retiring to civilian life is ASgt. Joseph Wisneski.

Maj. Bruce Rushlow, Marine Corps Liaison Officer to the Bureau of Ordnance, visited the Unit this week. He was Officer-in-Charge of the Unit prior to Maj. Baeriswyl's assignment to the Unit.

Navy League...

(Continued from Page 1)

Litton Industries; Theodore R. Hauser and Kenneth Green, John J. Foster Co.; Harlan A. Dewell, Garrett Corp.; James D. Thomas and John W. Barter, Douglas Aircraft; Mark P. Maier, Harold M. Harrison, Henry M. Fussell, H. E. Westgate, Garret E. Wright, Bradley Jacobs, Lockheed Aircraft.

Henry D. Ellis, Jr., and John L. Cassingham, Computer Measurements Co.; Luther E. Robinson and Fred M. Arnold, Norris Thermidor Corp.; Kenneth A. Johnson, Librascope Co.; Edwin F. Bushman, General American Transportation; Arnold H. Prosser and Arnold P. Pappas, A. O. Smith Corp.

Roy L. Sawyers, Pacific Telephone and Telegraph Co.; Samuel L. Sola and Earl R. Skaggs, Townsend Co.; Stig Gavelin, Aero Neutronics; Stanley Plass and Robert E. Whalin.

Is It News?
Call the Rocketeer
Ext. 71354, 71655, 72082

Community-Spirited
People
Will Attend
the
DESERT EMPIRE
FAIR
This Weekend

ROCKETEER

Budd Gott, Editor

Office, Housing Bldg., Top Deck

Phones 71354, 72082, 71655

Vol. XV, No. 37

U. S. Naval Ordnance Test Station, China Lake, California

Friday, September 18, 1959

Station To Participate In Desert Empire Fair

Yesterday at noon, the Desert Empire Fair opened its doors to the public in what is expected to be the biggest and best four-day celebration during the nine years of its actuality.

Centered around the theme "Mining Lore and Fun Galore" activities during the Fair days will include the parade tomorrow morning at 11 o'clock, whiskering, entertainment and turtle contests, other events, and will be climaxed by the awarding of the grand prize, a 1959 Pick-up Camper, Sunday night to someone who purchased a ticket in the "Our Fair Lady" contest.

Tomorrow's parade will feature a Navy and a Marine marching unit from the Station, the Marine Barracks' Color Guard, all from the Station, and the Marine Band from El Toro. There will be floats and motorized entries, including the heavy-duty equipment entered in Division 5 by the Naval Reserve Construction Battalion, 11-2.

An MB-1 Crash-Rescue Fire truck will participate, manned by the chief, a driver and five military personnel from the Naval Air Facility, and will comprise Division 2 of the column which will move from the intersection of Norma Street and Ridgecrest Boulevard, turning onto China Lake Boulevard and disbanding at the intersection of Inyokern Road and China Lake Boulevard.

The Burroughs High School band will make its initial appearance of the year. The Band and a marching unit from the Civil Air Patrol Inyokern Composite Squadron 82 will make up Division 1.

Grand Marshal
Walter Stiern, State Senator from the 34th Senatorial District, will act as Grand Marshal, and the Desert Empire's "Our Fair Lady," Marge Lyons, from Ridgecrest, will lead the procession. A number of mounted entries are expected.

Station Displays
On display in the Big Top will be, jointly sponsored by the Station and by the Naval Reserve Construction Battalion 11-2, the miniature SNORT Track in operation. On the four-foot track, a tiny missile will be "fired," with the firing synchronized with a sound track made during the actual firing on the test track.

The CAP Inyokern Composite Squadron will also have a booth under the Big Top where they will show the operations of an air search. The cadets will also stand the fire watch after the Fair activities close each day.

Continuous movies of the Station's weapons development activity will be shown, and a picture-display of the work of the Marine Corps Guided Missile Test Unit will be attended by a Marine recruiter from Lancaster. The Sidewinder guided missile, RAT and a Zuni rocket will be displayed, also.

"Jake," the dummy diver, will be on hand to illustrate underwater ordnance work being accomplished at Pasadena. "Jake" is eight feet tall, and weighs 200 pounds fully attired in his diving equipment.

Local organizations which will man booths either on the midway or in the Big Top are the Quarter Midget Association, Supervisors Association, Chi Alpha Chapter of

Congressman Weaver Plans to Visit Station

Representative Phillip H. Weaver (R) of Nebraska, Member of the Defense Sub-Committee of the House Appropriations Committee, will pay a one-day visit to the Station on Wednesday, September 23.

His visit here is part of a tour of defense activities of the 11th, 12th, and 13th Naval Districts. His visit is in connection with examination of budget estimates in the field.

NOTS Develops TERASCA

High Altitude Research Missile Climbs 110 Miles Into Space

The Navy announced last week that TERASCA, a three-stage "off-the-shelf" high altitude research missile, was launched 110 miles into space from ranges of the U. S. Naval Pacific Missile Range, Pt. Mugu, California, last June.

The concept of the missile was originated by Eugene Rutkowski and Wayne Howard of the Propulsion Development Department last February. Following the presentation of their idea to F. M. Fulton, Head of the Department, its feasibility met with approval and Fulton subsequently received Technical Director Dr. Wm. B. McLean's endorsement to proceed with the experiment.

Dennis Haluza was appointed project engineer, and he, in turn, headed a crew of technicians and engineers from the Missile Propulsion and the Propulsions Systems Divisions to work on the missile's development.

Following two diagnostic firings in April, the June firing was the first application of TERASCA in its present form, when the 2200 pound, 30-foot missile took off at an angle of 75° from horizontal in an orange flame, heading 220° (southwesterly direction) over the Pacific Ocean.

Three rocket motors were taken "off the shelf" here and combined into a simple air frame and tested successfully in less than two months time from the program start. The entire project cost less than \$20,000.

Unique in Economy

"This is an astoundingly small cost in time and effort compared to any other known work in space research," says Douglas D. Ordahl, head of the Missile Propulsion Division at NOTS.

Accelerating to a maximum velocity of 5,000 mph, TERASCA reached its summit 110 miles down range in three minutes, 44 seconds, (224 seconds) after launching. Impact of the payload occurred 240 miles at sea, in seven minutes, 25 seconds after launching.

The missile's 28.5 lb. payload was intended for tracking purposes only, reporting acceleration, trajectory and spin rate. Its prime value is an inexpensive, readily available vehicle for high altitude studies.

Future firings may include TV scanning devices and atmospheric study instruments.

Name Derived from Three Missiles

The first stage motor is part of TERRIER, Navy's surface-to-air missile arming the guided missile cruisers USS BOSTON and USS CANBERRA. TERASCA can be fired from a Terrier launching pad. The second and third stages were borrowed from ASROC and CAJUN. ASROC is an anti-submarine weapon. CAJUN is a rocket motor developed by the Thiokol Chemical Corporation and produced at Thiokol's Elkton, Md., plant. It has been used to power a number of research projects.

A timing device set to start at minus two seconds fires the missile in separate stages, aborting the succeeding events if a preceding stage fails to fire.

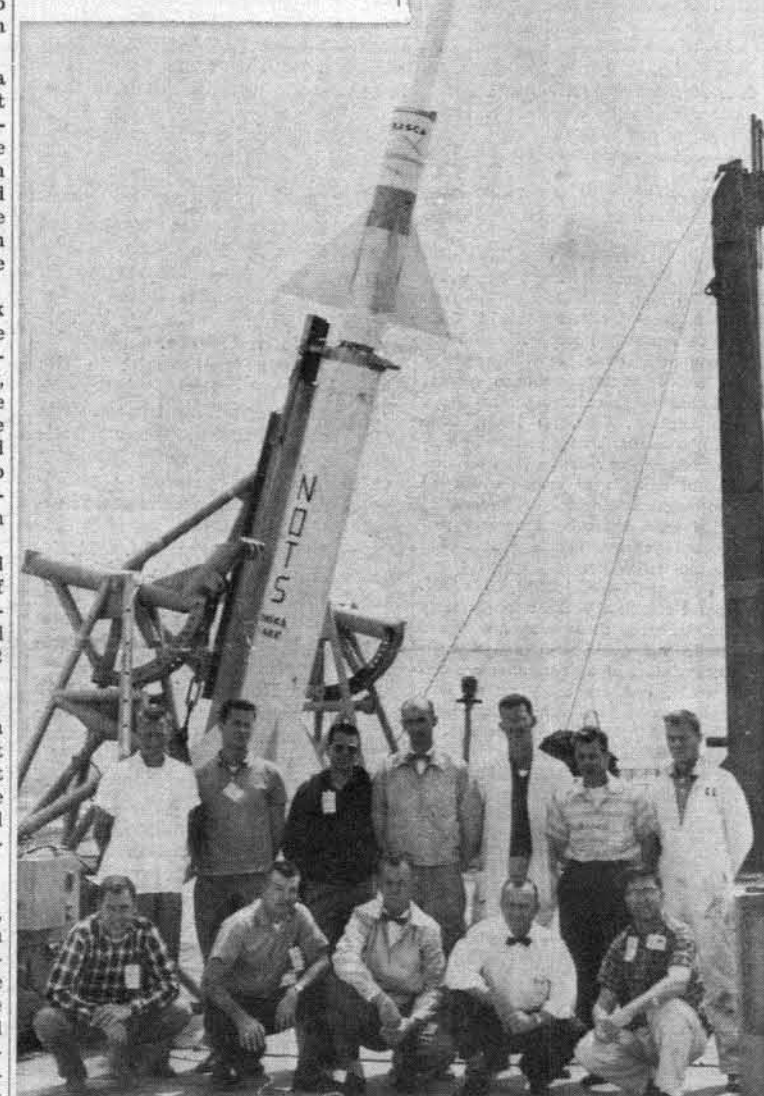
The payload's information was recorded via radar receivers. No attempt was made to recover. Any payload of 25-30 lbs. can be carried, according to Doug Ordahl.

"There is a vast amount of exploratory research needed at altitudes above the level where the earth's atmosphere has any appreciable effect on the earth's apparent measurements," Ordahl said. "Under ideal conditions the present TERASCA combination may carry test units as high as 250 miles."

"This research will ultimately provide the information necessary to design and develop practical instrumented satellites for such significant objectives as greatly improved weather predictions and world communications."

"The major part of at least the early research for these applications can be accomplished expeditiously, simply, and at a very low cost if extensive use is made of reliable rocket engines already in existence," Ordahl said. "TERASCA has proven this economy concept."

Films of the TERASCA tests are being shown by Dennis Haluza this week in Washington to officials of BuOrd, NASA, BuAer, ARPA, and ONR.



TERASCA AND FIRING CREW—Engineers and technicians from various departments at NOTS who were directly involved in the development and firing of the NOTS-developed research missile TERASCA are shown with the missile at the U. S. Naval Pacific Missile Range, Pt. Mugu, California. Pictured in front row (l-r) are: Jim Hurt, Eldon Shepherd, John Turner, Project Engineer Dennis Haluza, and Charles Mullen. Shown in back row (l-r) are: Jesse Lamar, Harold Nuffer, William Woodworth, Jack Crawford, James Mills, Kenneth Thorsted, and Delbert Grantham. The project took 4½ months from conception to completion.

11th Region Navy League Men Take One-Day Tour of Station

Thirty members of the Los Angeles Councils of the Navy League, 11th Region, visited the Station Wednesday and Thursday.

The visitors arrived Wednesday evening by car and plane. Following their arrival they attended a reception at the Club where they had an opportunity to meet the Station's military officials and members of the Indian Wells Valley Council Navy League members.

Local Navy League members attending the function were: Dr. Larry Stevens, M. M. (Jack) Warner, Clarence Ives, Wilbur Robb, Dr. James Henry, Charles Sterisc, and M. C. Carlson.

Led by Adm. Jimmy James (Ret.) and Dalton Lundberg, 11th Region Navy League vice-presidents, the visitors met Thursday morning in Michelson Lab for a welcoming address by Capt. H. B. Hahn, Station Executive Officer.

Following Capt. Hahn's address the visitors viewed the film "Ex-

panding Frontiers in Ordnance" after which they toured the range facilities and witnessed firing tests.

After lunch the visitors met again at Michelson Lab for a briefing on Station technical programs by Cdr. Don Bruce, Station Experimental Officer. At the conclusion of the briefing they viewed the NOTS News Film.

The Sidewinder missile program was outlined for the visitors by Capt. Robert E. Howard, Jr., USMC, Assist. Project Officer for Guided Missiles. Briefings on space programs by G. F. Cleary, Head, Surface Weapons Division, concluded the day for the visitors.

Navy League visitors were: Richard C. Booth, Turco Products; Orin H. Knowlton and Lewis Ellmore. (Continued on Page 4)

TEMPERATURES	Max.	Min.
Sept. 11	95	76
Sept. 12	86	75
Sept. 13	86	66
Sept. 14	87	68
Sept. 15	79	55
Sept. 16	76	52
Sept. 17	74	54
Precipitation: Sept. 12 - 4.4 inch; Sept. 13 - 3 inch.		

Promotional Opportunities

Only persons currently employed on this Station may apply for the following positions, and up-to-date Forms 58 should be submitted when applying.

Supv. Aero. Propulsion Systems Materials
Res. Engineer, GS-13, PD 31621, Code 4526. Supervises, plans and conducts applied research in plastics, heat barriers, ceramics and alloys for use in propellants and related materials, and carries out exploratory work in connection with materials and their applications in rocket motors.

Clerk-Typist (Asst. Adm. Secy.), GS-3, PD 18281, Code 14. Liaison editing and compiling technical handbooks, reports, etc.; administrative duties, personal and telephone contacts, stenographic work, custody control, and general clerical responsibilities.

File applications for above positions with Mildred Beck, Personnel Bldg., Room 26, Ext. 72723 by Sept. 25.

Blueprint File Clerk, GS-3, PD 20207, Code 3083. Duties include maintenance of drawing files, logs, and other records; the storage and recording of tracings, transparencies, prints, photographs and other reproductions which are in the custody of the Range Design and Development Branch.

Statistical Clerk (Typing), GS-4, PD 14656, Code 251. Compiling and analyzing statistics on various surveys and presenting in graphic, chart or tabulated form.

Management Analyst, GS-7, PD 14584 Am I-1, Code 251. Duties concerned with studies and surveys of Supply organization, procedures, functions and operations.

Telephone Operator, GS-3, PD 17120-13, Code 8544. Procurement of materials and parts for Automotive Shop Store.

File applications for above positions with Verla Walker, Personnel Bldg., Room 34, Ext. 72032 by Sept. 25.

General Engineer, GS-11, PD 32332-2, Code 5523. To be responsible for providing Navy Bureau and info. contractors with engineering data and technical consultation services required to manufacture electrochemical items.

General Engineer, GS-9, PD 13901, Code 5523. Will be responsible for performing production engineering or redesign work on electromechanical portions of complete weapon systems to remain within functional required of the weapon while improving factors of productivity, ease of use, nonusage of critical materials and reliability.

Clerks (Typing), GS-4, PD 13590-1, Code 5551. Duties consist of official BuOrd correspondence on design disclosures documentation with and without help and guidance from her supervisor. Determines that all enclosures are correct, in order, and are being mailed with correspondence attached. Requires coordination between several outside groups on Station. Must be a qualified typist.

Publications Writer (PS&E), GS-11, PD 29172, Code 7311. Duties consist of research, writing, editing, training and consulting, and setting up editorial standards for publication. Independent responsibility for undertaking and completing frequently difficult and detailed treatment of major weapons or weapon systems.

File applications for above positions with Wanda Butler, Personnel Bldg., Room 31, Ext. 71393 by Sept. 25.

Other Federal Opportunities
Operations Research Analyst, GS-015-14, \$11,595 per annum.

Mathematician, GS-1520-14, \$11,545 per annum.

Mathematician, GS-1520-13, \$10,130 per annum.

Electronic Scientist, GS-1312-13, \$10,130 per annum.

Applicants for any of the above positions must send SF 57 directly to the Commander, U. S. Naval Proving Ground, Dahlgren, Virginia. Closing Date: October 1. For further information, contact Eloise Buck, Code 6521, Ext. 72067.

Desert Park School Names New Faculty

Another year of scholastic progression and achievement is under way in the China Lake Elementary School District. This second of five articles appearing weekly will introduce teachers of the new Desert Park School.

Afternoon kindergarten is taught by Miss Dorothy Prentice, a graduate of Mills College in Oakland, California. Miss Prentice has done post graduate work at Whittier College and U.C.L.A. For the past four years she has taught nursery and kindergarten at Anoka Lower School in Arcadia where she was active in church work, volunteer social service and community affairs. During the summer of 1956 Miss Prentice took a three month tour of England, Scotland, the Scandinavian countries and the Continent. For two weeks of the following summer she toured the Hawaiian Islands.

Mrs. Winona Park who is teaching first grade comes to China Lake from Lindon, Utah. Her seven years of teaching include positions at Geneva and Pleasant, Utah. She was awarded an A.B. degree from Brigham Young University in Provo, Utah with a major in elementary education and a minor in music.

Mrs. Kirk has been extensively interested and active in music groups being an accomplished performer in both piano and cello.

Another first grade teacher at Desert Park is Mrs. June Martin who received her B.S. degree in elementary education from Valley City State Teachers College in Valley City, North Dakota.

Mrs. Martin has taught in the states of Washington and Oregon and Twenty-nine Palms, California before accepting her present position. Included in her many interests are church and community activities, music, outdoor sports and reading.

Mrs. Agnes Davis and Mrs. Kathryn Mudge, previously of Rowe Street School have joined the Desert Park staff as second grade teachers. Mrs. Olive McNeil has assumed secretarial duties.

Mrs. Zoe Norman, in addition to her new appointment as Vice Principal, teaches morning kindergarten. For a number of years she taught seventh grade at the former Burroughs Junior High School.

Grant Pinney, Principal of Vieweg School also serves in this capacity at Desert Park.

Burroughs Enrolls Record Number

The newly constructed Burroughs High School plant is housing the largest enrollment in the history of the school, according to Dr. Earl Murray, principal. Registration totalled 886. Class breakdown shows the freshmen class holding a wide lead over others with 261. Sophomores number 228, juniors total 195, with the senior class enrollment numbered at 202.

Free Safety Shoes for Engineering Man



LUCKY? NO, JUST SAFETY CONSCIOUS!—Because he is safety conscious, Engineering Department's Edward Weiser (r) is richer by a free pair of safety shoes today. Safety shoes have prevented foot injuries three times in the past for the 10-year Station employee. He was purchasing another pair and by coincidence he was the Safety Shoe Store's 1000th customer—so he got them for free. Les Fairall makes the presentation.

COMING EVENTS

AAUW Book Review

The Book Review study group of the American Association of University Women will meet at 1:30 p.m., Monday, September 21, at the home of Mary Ann Henry, 609 Saratoga. Mary Wickenden will review two books by Edith Hamilton—"The Greek Way" and "The Roman Way." The review is open to anyone interested.

AAUW Potluck

The American Association of University Women will hold its annual get-acquainted potluck dinner next Tuesday evening, September 22, at 6:30, at the home of LaV McLean, 510 Lexington Avenue. Everyone eligible for and interested in membership is cordially invited to attend. According to a motion passed at the National Convention in Kansas City this year, anyone who has a baccalaureate degree from a college or university on the AAUW-approved list is now eligible for membership.

For further information concerning the dinner or eligibility for membership, contact Kate Holloway, Ext. 73504.

Narcotics

Sergeant Curtis Bell, officer in charge of the Ridgecrest Sheriffs Sub-station, will present an enlightening discussion of narcotics next Tuesday, September 22, at the East Wing of the All-Faith Chapel. Sponsored by St. Ann's Altar Society, Sgt. Bell will speak at approximately 9 p.m.

BPW Luncheon

All prospective members of the China Lake Business and Professional Women's Club will meet Tuesday, September 22 at 11:30 a.m. Come prepared to pay dues so that the Club may apply for its charter by the end of this month.

Unitarian Fellowship

"Applied Religions" will be discussed at next Sunday's meeting, September 20, of the Unitarian Fellowship at 7:30 p.m. in the Anchorage.

The public is invited to hear the contemporary symposium which will be presented by Marshall Klein.

NROC II-1

Cdr. Irving A. Robinson, USN, Weapons Planning Group of NOTS will discuss "Limitations and Capabilities of the Aircraft Carrier at Night" at the meeting of the Naval Ordnance Reserve Company 11-1 next Wednesday, September 23, in Conference Room A of Michelson Lab. Confidential clearance is required.

Safety Office Is Moving

Beginning at 7:30 a.m., bright and early next Monday morning, all Station safety activities will be effected at the new location of the Safety Office—Dorm 14, just opposite the main entrance of the Station Hospital. The building formerly occupied by the Safety Division will be torn down.

Rocketeer Deadlines

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Photos, Tuesday, 11:30 a.m.

THE ROCKETEER

OFFICIAL WEEKLY PUBLICATION
of the
U.S. NAVAL ORDNANCE
TEST STATION
China Lake, Calif.
Captain W. W. Hollister, USN
Station Commander

Budd Gott Editor
Phillips Walr Assoc. Editor
Glenna Mayden Staff Writer
L. L. Lyles, PH3, Jon Fulkerson, PHAN
Photographers

Art Illustration by Technical Information Department.
Office, Housing Building 35
Telephones 71354, 71655, 72082

PASADENA
Nova Semeyn Correspondent
Phone Ext. 482
Shov Mosen, A. E. Black, D. Sanchez,
Photographers

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What's Doing IN RECREATION

By Jean Cone, Recreation Director

The Community Center Social Hall and patio will be the setting for tonight's Adult Station Dance. Music by the Pug Pilcher Band will start at 9 p.m. All Station personnel 21 years old and over are invited. Tickets may be purchased at the door for \$1 for men. There is no charge for women.

As requested by their representatives, a large table will be reserved until 9:30 for single adults. Everyone who has attended either of the meetings as well as all other unmarried people over 21 is especially invited to dance, to listen, and to watch. Virginia O'Brien will provide intermission entertainment in her inimitable "dead-pan" way.

Single Adults
To the gratification of those involved with the inception of the group, Station employees—military and civilian—who are over 21 and single—are eventually going to have a good, active group although there will be no formal organization. At a planning committee meeting last Tuesday evening, a six-man committee was selected to arrange for the first all-inclusive activity open only to single adult Station employees and residents.

Saturday, October 3, has been set as the date for a "Singles' Social" at the Anchorage. There'll be areas for chit-chat, activities for non-dancers, and dancing in one area to big name bands (on tape), an intermission meeting when the group's name will be selected by the party-goers, and of course, refreshments.

Ideas for the name are solicited and should be sent or brought to the Recreation Director, Code 855. There'll be a prize for the name selected. In case of duplicate entries, the first one received will be the one considered.

Volunteering for the arrangements committee for the Singles Social were Sarah Chedester, Rosalie Weir, Clyde Heinzig, Lee Johns, Belle Woltz and Ed Gregory.

Still in the nebulous stage are ideas for a Halloween Carnival on October 31. For this one, there'll be live music and special activities along the carnival theme.

TV Show Information
Due to the large number of requests for information regarding admittance to TV shows in Hollywood, an information sheet has been compiled. Studio tours, broadcast and filming times for many of the fall shows, and addresses for writing for tickets, are included in this leaflet. For your copy, come to the Community Center receptionist counter between 7:30 a.m. and 5 p.m. Mondays through Fridays.

L.A. County Fair
The "Largest and Most Beautiful County Fair in America" will be held at the 450-acre exposition grounds in Pomona from September 18-October 4. The site is magnificently landscaped with trees and thousands of flowers. There will be exhibits from 100 counties and organizations. The International Photography Exhibit is the largest in the West.

RAFT Club
The Happy Birthday Dance scheduled for tomorrow, September 19, will honor Club members with birthdays in September. Because of the Desert Empire Fair being held this weekend, western attire will be in order. September-born members to be saluted at the dance will be Toni D'Amico, Larry Knigge, Robert Kunze, Robert Meyer, Brian Ridpath, David Todd, Robert Wair and Janet Walker.

Under-18 Workers Need Work Permits
Any person under the age of 18, whether in school or graduated, and even with a high school diploma, must have a work permit before he may be hired at any job. Darwin B. Howe, attendance supervisor at Burroughs High School, states that work permits are required under the labor laws of California and can be obtained only from the attendance office at the school.

Any employer suspected of exploiting child labor will be subject to investigation by the State Department of Labor, Howe said.

News From Pasadena

Mabry Van Reed Named To Position In UOD As Pasadena Test Director

The Pasadena Test Director position formerly located in Code P808 has been transferred to the Underwater Ordnance Department Staff. Mabry Van Reed, who has held this position as well as that of Assistant Division Head in P808, has been relocated to Building 9. Code P8002 has been assigned to the new office.

Duties of the Pasadena Test Director will be to coordinate test operations in the Pasadena, Long Beach, and San Clemente Island areas at a broad management level for the Officer in Charge and Head of UOD.

Mr. Van Reed's duties will be to insure effective cooperation in these areas by setting over-all requirements for both NOTS and other activity elements involved in test operations.

He will be responsible for test scheduling and for resolving test and facility priority problems for San Clemente Island, Long Beach, Seal Beach, and Morris Dam ranges. Employed at NOTS Pasadena since May 1946, Mr. Van Reed was for a time responsible for preparation of materials and construction specifications for the facilities at Morris Dam, was Head of the Range Branch from 1949-1955 and has been Assistant Head of UOD's Systems Operations Division since 1955.

A graduate of CalTech, he received his Bachelor of Science degree in Mechanical Engineering in 1935.

Serving in the Army Corps of Engineers for four years, he prepared specifications and coordinated jobs between design and construction operations and for three years was Senior Instructor in airfield design and construction for Field Officer and West Point courses at Fort Belvoir, Virginia. He holds the rank of Lieutenant Colonel in the USAR.

Mr. and Mrs. Van Reed reside at 101 Colony Drive, Sierra Madre.

Display Area Set Up In Lobby of Bldg. 7

An area has been established on the upper deck of Building 7 to be used for unclassified technical displays, according to Carney D. Hatcher, Technical Presentations Coordinator.

"The need for such an area has long been recognized," Mrs. Hatcher said, "and finally an area in Building 7 was set aside for this purpose." Pasadena has several displays which are used in presentations at fairs, shows, and similar events throughout the country. Between events, these displays may now be viewed by employees and by official visitors to the Station.

The area will also be available to divisions who from time to time have special displays they'd like to exhibit. Requests for showing of displays should be directed to Code P1903.

NUOS Chiefs Visit Pasadena Facilities

Visiting NOTS today are Captain H. S. Monroe, Commanding Officer, and G. G. Gould, Technical Director, of the U. S. Naval Underwater Ordnance Station, Newport, Rhode Island.

They will receive briefings on NOTS Pasadena facilities and NOTS personnel will be apprised of their projects, future plans, and facilities.

September 24

Representative Phil Weaver (R) (Nebraska), Member Defense Subcommittee House Appropriations Committee, will visit San Clemente Island on Thursday, September 24. His visit here is part of a tour of defense activities of the 11th, 12th, and 13th Naval Districts during September 13-24 in connection with examination of budget estimates in the field.



SUPPLY AWARDS GIVEN—In a Supply Office all-hands meeting last Friday, Cdr. H. J. Hicks Jr. (center), Assistant to Director of Supply, makes award presentations (l. to r.): to Elmer Creed, \$50 Benny Sugg and Mug of the Month; Vernon Hayes, Superior Accomplishment; Nancy Reagan, \$25 Benny Sugg; and Joseph Galante, Superior Accomplishment.

Technical Officer Reports For Duty



LCdr. E. P. K. King

LCdr. E. P. K. King has reported aboard as Technical Officer, Code P192. He relieves LCdr. W. H. Robinson, Jr. who recently left for duty as Commanding Officer of a submarine.

LCdr. King comes to NOTS from duty as Commanding Officer of the submarine USS TORSK, stationed at Norfolk. His last trip, OPERATION INLAND SEAS, was a tour of the Saint Lawrence Seaways and Great Lakes.

Most of his naval career has been spent aboard submarines. During the war, he made two war patrols on the SPIKEFISH; served aboard the old SKIPJACK during the 1946 Bikini tests; and after the war aboard the BLOWER, GREENFISH, and SABALO.

Shoreduty was at the University of Oklahoma where he taught an NROTC class.

Hawaii born, as was his father and mother, LCdr. King is a graduate of the U. S. Naval Academy, Class of 1945.

King's father is also a graduate of the Naval Academy, Class of 1910. He was Governor of the Territory of Hawaii from 1953-1957.

When LCdr. King was eleven years of age, his father left their real estate business in Hawaii and came to the States where he was a Delegate to Congress and where young King attended school in New London and at the Admiral Farragut Academy in New Jersey.

LCdr. King and his wife, Zori, have settled in their home at 271 Renook Way in Arcadia with their two children—Pamela 9, and Pauline 10 months.

Educational Fellowship Received By P804 Man

A NOTS Educational Fellowship has been granted to Louis A. Lopes, Control Dynamics Specialist in P804. He will leave September 28 to begin the term at CalTech where he will work toward a Ph.D. in Mathematics. A NOTS Pasadena employee since 1950, he has taken several other courses at CalTech.

A native Californian, Lopes was born and raised in the San Jose area. He attended Santa Clara University for a year, then enlisted in the Army. He participated in the Army's Specialized Training Program and four years later when out of the service entered Stanford University. He holds a Master's degree in Mathematics from Stanford.

Lopes' work here consists of mathematical analysis of torpedo control systems and trajectories. While completing work at CalTech, he plans to return during summer vacations.

He and his wife, Margaret, have five children—Anita 6, Louis 5, Peter 2, Mary Elizabeth 1, and Charlotte Mary 2 months. They live at 342 South Craig Avenue, Pasadena.

Personnel Statistics

New Employees

Howard V. L. Patrick, Engineering Aid (Mechanical), GS-5, in P804.

Promotion

P300—Raymond R. Brooks from Physicist, GS-7 to GS-9.

Terminations

Velma C. Murphy, Clerk-Stenographer in P804; William A. Charlton, Guard; Frank E. Barmore, Physical Science Technician in P805; and Michael Guidon III, Mechanical Engineer (Power Plant), in P802.

Promotional Opportunities

Electronic Engineer, GS-9, PD No. 36189, Code P804. Duties are in two fields of electronics—test range instrumentation, and radio and wire communication. Incumbent will assist in design and modification of equipment used in timing, telemetry, analog and digital data transmission, radar, hydrophone ranges, data recording, and radio and wire communication systems. Will also plan and supervise installation and checkout of equipment. Experience with military and commercial types of electronic and communication equipment is desirable.

Contact Nancy Reardon, Ext. 103 or 104.



L. Lopes