Desert Community Orchestra Gives Free Classics Concert Sunday Night

season as conductor of the Des- overture to an operetta, Die ert Community Orchestra at Zauberharfe. When Schubert the free concert, Sunday, Nov. was asked, in 1823, to supply 19, at 8 p.m. in the Center music for the romantic play Theatre.

a return engagement by popular demand. She played with College Community Orchestra ber of his other works. of Hollywood, the Spokane Philharmonic, the Columbus Symphony, and the Mozarteum poser, lived 86 years from 1835 Orchestra of Salzburg. She was a Fulbright Scholar, a most of the time. This genius graduate of Whitman College, made his first public performand the University of Illinois. She has appeared in recital on four and a half years. He was special tour programs in Ger- most famous for the operas many, Austria, Switzerland,

hestra is a 40-piece symphonic group of local students, adults pursuing an avocation, and several professionals augmenting the group as needed for this particular concert.

The Orchestra Association is and a seasonal support, as in this specific performance, by a grant from the Recording Industries (Music Performance) Trust Funds.

Sunday's program consists of the Overture to Rosamunde, by Schubert; Incidental Music to Rosamunde, including Ballet No. 2 in G Major, Entracte No. 3 in B-Flat Major, and Ballet in B - Minor; March Militaire Francaise, from the Suite Algerienne, by Saint - Saens, and Sinfonia Concertante in B-Flat Major by Haydn, including the Allegro, Andante and Allegro Con Spirito movements.

Franz Schubert lived only 31 years, from 1797 to 1828. Born in Austria, he was the foremost exponent of the romantic movement. The Rosamunde

26-Dry 28-Toll 29-Test 31-Wife of Geraint 33-Rupees (abbr.) 34-Supercilious

person
38-Fire
Jepartment
(abbr.)
40-Rail bird
42-Rundown
45-Spanish for
"river"
47-Insect
49-Existed
50-Nobleman
52-The sweetsop
54-Symbol for
tellurium
55-Man's
nickname
66-Lasts
59-Diphthong
61-Sofa
63-Mountain
nymphs
65-Bishop's
headdress
66-Prefix: down
67-Beast of
burden

DOWN

CROSSWORD PUZZLE

7-Be mistaken

37-Encounter
38-Liberates
39-Crown
41-Aleutian island
43-Fears
44-Old pronoun
46-Conjunction

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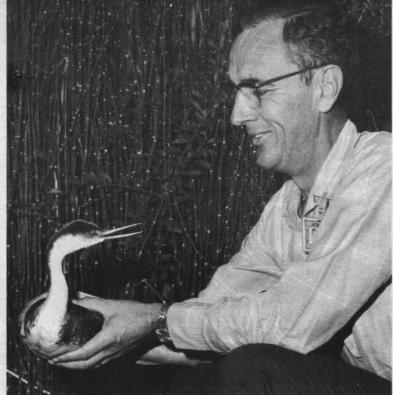
Robert Cole starts his second was originally composed as the Rosamunde, he made use of Mary Ann Ringgold, Holly- this music which he had comwood violin virtuoso, will make posed two years before. The B-Flat Major Entracte played on this program had a melodic the California Chamber Sym- theme that Schubert loved phony, the Immaculate Heart dearly, and included in a num-

Camille (Charles) Saint-Saens, celebrated French comto 1921, and was successful ance on the piano at the age of Samson and Delila, Rondo Capricioso, and Dance Macabre, The Desert Community Orc- and the Algerienne Suite. The latter, played by the Desert Orchestra, was composed in 1879, after one of Saint-Saens' numerous visits to Algeria. The French Military March came

Joseph Haydn, 1732 to 1809, financed by public support, lived 77 years. His prodigious pen produced 104 symphonies, many of which bear favorite nicknames such as Toy, Surprise, and Clock. He also wrote sonatas, songs, Masses, and chamber music. He made the earliest successful use of the sinfonie (or symphonie) concertante in which solo instruments are emphasized within symphonic textures, as performed in the final selection on the program. Featured soloists on this are Mary Ann Ringgold, violin, Audrey King, cello and Charles Humphreys,

> There is no admission charge to this concert, and the public is cordially invited, according to Bill Ward, president of the Desert Community Orchestra

> > Answer to Previous Puzzle



WEARY TRAVELER — Stranded western grebe is taken in hand by Audubon Society member Don Moore. Rescued from neighbor's garden, it was fed and watered, then released to join other wild waterfowl on nearby ponds. Adapted to aquatic life, grebes have difficulty on land, and once grounded are often unable to fly. Fall migration flights from inland lakes to seacoast often bring great numbers

Papers Scheduled For Presentation During Symposium

The Hydrazine Monopropellant Technology Symposium, sponsored by the Naval Air Systems Command, will be held on November 28-30, at the Applied Physics Laboratory, Howard County, Maryland, under the general chairmanship of Leroy Krzycki, Head, Engineering Applications Branch in the Liquid Propulsion Division of the Propulsion Development Department.

Another NWC professional, Dean Couch, Head of the Liquid Propellants Branch, will chair the session on Fuels and Materials Compatibility.

Propulsion Development Department authors presenting papers at the symposium are: Joseph L. Carter and Lee N. Gilbert, "Compatability of Hydrazine - Blend Fuels in Metal Containers at Elevated Temperatures;" James O. Dake, Jr., "A Variable - Flow High Thruput Thermal - Bed Reactor" and a second paper, "Minimization of Spontaneous Catalyst in a Catalytic Reactor."

Also presenting papers are David W. Oliver and Donald Miller, "Experimental Investigation of a Demand Controlled Monopropellant Gas Generator for Propellant Tank Expulsion," and Jay Witcher and Donald Miller (with Richard Stewart, Naval Oceanographic Office), "Recovery of Deep-Ocean Objects Using Hydrazine - Powered Buoyancy De-



MAJOR GENERAL John H. Masters, Commanding General of the U.S. Marine Corps Supply Center, Barstow, was a recent visitor to the NWC Corona Laboratories, Corona. He was the senior D.O.D. representative at the Interagency Civil Service Board meeting which was held at this activity. The Board serves San Bernardino and Riverside Counties and includes military establishments, the Forest Service, Indian Affairs, and Social Se-



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Book Fair Set For Weekend By PTA Group

The China Lake Elementary PTA is sponsoring a Book Fair at the Murray School Cafetorium today, Saturday and Sunday, November 17, 18 and 19. Hours for the Book Fair are

from 5-9 p.m. this evening; Saturday, November 18, from 10 a.m. to 5 p.m., and Sunday, November 19 from 1-5 p.m.

Some 1,000 books from preschool through adult level will be on display and sold during the Book Fair. Orders will be taken, also, with delivery promised in three weeks to 30 days. Paperback books will be for sale as well as hardbacked

Children's story hours will be conducted under the leadership of Mrs. Gail Dull, Murray School librarian, who will be assisted by members of the Cadette troop of Girl Scouts. Times for the story hours are on Friday evening at 7 p.m., Saturday at 10 a.m. and 4 p.m., and Sunday at 3 p.m.

Mrs. C. J. Renne is chairman of the event and Mrs. Clyde Campbell is PTA Director of Education. Chairman of hosts and hostesses is Mrs. Crill Maples, and Mrs. Robin Fuller is in charge of sales and orders

TIGER AND THE PUSSYCAT" (110 Min.) Ann-Margaret, Vittorio Gassman, Eleanor Parker 7:00 P.M.

(Comedy/Drama) When a pussycat chases a tiger—there's no escape! And an aging Romeo finds this out when he visits his son's girl friend to patch up a spat. A serio-comic satire of differences youth and their elders. (Adult.)

NOVEMBER 18 --MATINEE-"KATI AND THE WILDCAT" (65 Min.)

Voice of Jim Backus 1:00 P.M.

horts: "The Unmentionables" (7 Min.)

--EVENING--"THE HILLS RUN RED" (89 Min.)

(Western) Former Confederate soldier trails former buddy to extall a bloody revenge for a painful betrayal during the war. Ac-tion special, well made! (Adult, Mature Shorts: "Le Cop on the Rocks" (7 Min.)

Ladders Up" (8 Min.)

NOVEMBER 19 DESERT COMMUNITY ORCHESTRA
ASSOCIATION CONCERT

DAY NOVEMBER 20 THE YOUNG WARRIORS" (93 Min.)

(War/Drama) An almost microscopic a t of a World War II instructor sergean and his nursing of green recruits into stable combat veterans with emphasis on an out standing private. The do's and don'ts re

Shorts: "Secret Agent Woody" (7 Min.)
"Turkey Au Go-Go" (9 Min.)

NOVEMBER 21 CHINA LAKE CIVIC CONCERT ASSOCIATION PRESENTATION 8:00 P.M.

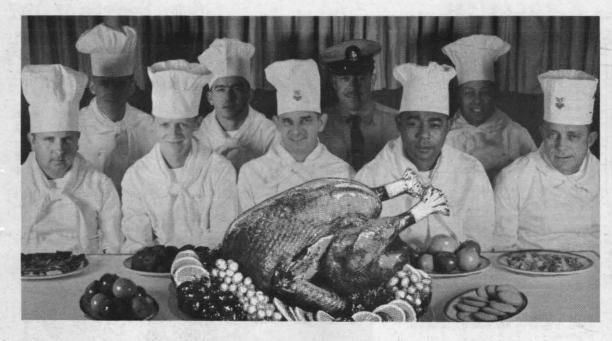
WEDNESDAY-THURSDAY NOVEMBER 22-23 THE GREATEST STORY EVER TOLD

(193 Min.) Max Von Sydow, Dorothy McGuire, Charlton Heston, John Wayne 7:00 P.M.

(Drama) The story of the birth of the hristian world is filmed in most unusual and interesting fashion. Here is the life, and death, of Christ to be seen on the large screen with a tremendous cast of top stars. Don't miss! (Adult, Youth.)

> "BANNING" (101 Min.) Robert Wagner, Anjanette Comer, Jill St. John 7:00 P.M.

(Drama) Golf and sex mix quite well in this tale of a professional golfer who cons his way into an exclusive club as assistant pro. His winning ways, both on and off the course, will hold your interest. Be hind the scenes of golf! (Adult.) Short: "Lion Around" (7 Min.)



Turkey Experts Prepare Holiday Feast, China Lakers Give Thanks

Eight cooks with their supervisor, CSC E. I. Jones, display sampling of the Thanksgiving Day feast presently being prepared for diners in the NWC Enlisted Mens Galley. Adding their expert culinary "tricks of the trade" to make the dining a delight are (back row, left), CS2 R. Marx; CS3 H. Kreider; Chief Jones, and CS2 R. C. Jones. (Front row, left), CS3 M. Swaffow; CS2 W. F. Ebeling; CS1 W. G. Soloninka; CS1 David D. Dozier, and CS1 D. R. Archer. Reservations for the feast will be accepted through Tuesday, November 21.

Thanksgiving Day we give our thanks for the ideals of honor and faith we inherit from our forefathers - for the decency of purpose, steadfastness of resolve and strength of will, for the courage and humility which they possessed and which we seek every day to emulate. As all of us express our gratitude, we must never forget that the highest appreciation is not to utter words but to live by them.

Most Facilities Will Close Doors On Thanksgiving

Most facilities at Naval Weapons Center will close their doors Thursday, November 23, in observance of Thanksgiving

Navy Exchange and Commis sary will be closed.

According to Special Services officials, the following activities Shop; Electronics Shop; Woodworking Shop, and Center Library. Other activities will follow the regular schedule.

Friday, November 24, most Center facilities will observe their regular operating sched-

Cite Campaign Drive A Success

Co - chairmen of the 1968 Combined Federal Campaign, Captain R. F. Schall, NAF Commanding Officer, and John Di-Pol, told keymen this week more than \$47,000 was pledged during the October drive. Donations by NWC people exceeded last year's by about \$5,000, they reported. This money will be used to support Indian Wells Valley United Fund, International Service, and National Health Agencies. At a meeting in the Commu-

nity Center this week, the cochairmen reviewed results of the campaign and thanked volunteer keymen and their assistants for outstanding efforts to make the Combined Federal Campaign successful at NWC. They credited personal contacts by volunteer workers as a prime factor in getting payroll deduction pledges for "fair share" giving.

This is the third year NWC has participated in the concept of combined charity donations through payroll deduction.

Captain Schall and DiPol thanked all who helped carry the 1968 CFC drive to its successful conclusion. Combined efforts, they said, included those of volunteer keymen and their assistants; members of the Center's Coordinating Committee who planned financial reporting and payroll deduction procedures; the Rocketeer staff which gave generous publicity coverage, and other volunteers who helped plan and implement the 1968 campaign.



Vol. XXII, No. 46

Fri., Nov. 17, 1967

will also close Thanksgiving Day: Gym and pool; Youth Center; Camping Equipment Issue; WWC Researchers Investigate Ceramics Shop (also closed Friday); Community Center (also closed Friday); Auto Hobby Earth's Ionosphere Envelope



MEASURING AIRGLOW - Jim Moore of Earth and Planetary Sciences Div. orients telescope battery toward the patch of sky furnishing him and his colleagues with new information about the ionosphere. The 'scopes catch faint "airglow" from the iono-

sphere on clear, moonless nights, which is then registered by photomultipliers and recorded on magnetic tape for analysis. Airglow is from breakup of ions after intense sunlight radiation ceases at night. The ATS-1 is being used. -Photo by Jerry Willey

Make Good Use **Of Handy Satellite Standing in Space**

BY JOHN R. McCABE

For about two months now, a few scientists in the Earth and Planetary Sciences Division of Research Department, working with relatively simple, inexpensive ground equipment, have been using a satellite poised six and a half earth radii away in space to probe into the mysteries of a little-known scientific frontier.

This frontier, enveloping the earth in the near distance, is the ionosphere, and James G. Moore, head of Upper Atmospheric Sciences Branch, and Dr. S. V. Venkateswaran of UCLA are directing work with a battery of polarized antennae and telescopes. The immediate goals, are to discover and describe the manner in which charged particle radiation from space creates "airglow" in the ionosphere as well as the spectacular Aurora Borealis, and to detect the density and motion of electron clouds.

The satellite these men are using is the ATS-1, or Applications Technology Satellite. It moves in a "geosynchronous" (Continued on Page 3)

Week for Youth Proclaimed by Two Towns

Youth Appreciation Week, with the Optimist Club of observed now through Sunday

Ridgecrest mayor Kenneth M. Smith and China Lake Community Council president Ken- dedicated to "the overwhelmneth Miller jointly signed a ing majority of the youth of proclamation recognizing the the United States and Canada" special week, in conjunction

Ridgecrest - China Lake. The in the Indian Wells Valley, is Optimists are conducting a proboth a salute to the younger gram to honor a "Junior Citigeneration and an invitation to zen" of the year for the fourth the community to pledge its year, with the award banquet scheduled for December 9 at the Hideaway Restaurant.

The joint proclamation is (Continued on Page 3)



Annual Gem - Mineral Show Here Nov. 18-19

Annual Gem, Mineral Show Set For Weekend

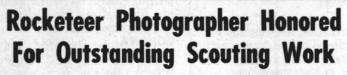
The Indian Wells Gem and carving, and Mrs. Mildred De-Mineral Society is holdings its Harrold, Original Silverwork. 11th Annual Gem and Mineral show, Saturday and Sunday, November 18 and 19 at the NWC Community Center. The theme of this year's show is "Harvest of Gems" in keeping with the Thanksgiving holiday season. The show will be open from 10 a.m. to 10 p.m. on Saturday, and from 10 a.m. to 6 p.m. on Sunday.

Some of the special displays featured in this year's show will be Elmer Uchida of the Japanese American Citizens League of West Los Angeles with a display of Suiseki Stones. Ken Pringle and Jim Baird representing the Maturango Museum will display for the first time, Indian artifacts Sunday to Glass Mountain for taken from Ray Cave. Pringle will also display fossils.

Other special displays are Mr. and Mrs. John Drow's original silverwork; Ralph Dietz, minerals; Milton Speckles, Micromounts; Bob Stout, Cabochons; Frank Crescenzo, Hand

Saturday afternoon Chuck Vollmer will show slides on the Olympic Peninsula, Washington. Vollmer is a naturalist at the Olympic National Park during the summer. Sunday afternoon Mr. and Mrs. Drow will demonstrate silver jewelry making use of the lost wax method. Ed Wagner also will demonstrate fluorescent light

Three local field trips are planned during the show. Saturday's field trip will be to the Sheep Springs area for moss agate. Sunday's field trip will be to the El Paso Mountains for agate and jasper. There also will be a field trip Saturday and crystobalite, faylite, and obsidian. Gloves and safety glasses are recommended for this trip. All field trips will begin at 9 a.m. at the Community Center parking lot. Special passes will not be needed for entrance to the show.



A 20 - year - old Navy pho- on the international level, tographer assigned to Naval Jerry Gene Willey, holder of Weapons Center, Rocketeer Of- the Eagle Award with bronze, fice, received an unexpected gold, and silver palms, also and pleasant surprise Thurs- holder of the Veterans of Forday evening, November 9 at eign Wars Post 2066 Gold Trothe Veterans of Foreign Wars phy as an Outstanding Eagle Post 4084 in Ridgecrest.

Honor was held that evening moned here to be awarded to honor PH3 Jerry G. Willey for his outstanding contributions in the realm of scouting. which by its composition

On hand for the award presentation ceremony were: LCdr. by individual countries. How-Fred H. Elliott, Head, NWC Enlisted Personnel Division and Commander, VFW Post 4084; Dick R. Hape, NWC Project Engineer and Chairman of the Southern Sierra Council Scout-Southern Sierra Council Scouting Desert District; George and Friendship through Scout-Bowles, District Commissioner for Scouting; Boy Scouts; VFW members; guests, and visitors.

the presentation, read the cita-"Let it be known that through Scouting activities. his contributions to Scouting

Scout, also holder of the Scout-A special Boy Scout Court of ers Training Award, is summembership in the Carabao International Patrol. A unit alone, can not be recognized ever, it is recognized by the World Brotherhood as an independent organization of outstanding scouts and scouters ing." Willey is the 42nd Scout of the Twenty-nine Nations to receive such high honors.

willey's personal record can Commander Elliott, making speak for itself in demonstrating his outstanding and unustion accompanying the award: ual ability and concern for



NAVY PHOTOGRAPHER HONORED - LCdr. F. H. Elliott, (I), Head, Enlisted Personnel Division at Naval Weapons Center and VFW Post No. 4084 Commander, awards PH3 Jerry G. Willey, NWC Rocketeer Photographer and Eagle Scout, full honors and membership in the Carabao International Patrol. Willey received the honors during a special Boy Scout Court of Honor held in VFW Hall in Ridgecrest on the evening of November 9.



celebrate the 192nd Anniversary of the U.S. Marine Corps at the Naval Weapons Center, at the Community Center are (I), MSgt. George J. Beatty; MSgt. Thomas J. Roberts; SSgt. James E. Trent; Mrs. Etheridge and Capt. M. R. Etheridge, NWC Commander, and Maj. Arthur R. Hickle. The four-decked cake is decorated with "Happy Birthday U.S. Marine Corps - 192 Years of Meritorious Service." MSgt. K. N. Ayers, USMC (Ret.) helped to celebrate the occasion as special guest. A reception and dance also added to the evening's festivities.



PRESENT ARMS! - Marines stationed at Naval Weapons Center parade the colors during the 192nd Anniversary of the U.S. Marine Corps celebrated here Friday evening, November 10. Color Guard members

are (I), SSgt. Charles R. Richards; SSgt. James R. Willoughby; SSgt. Paul R. Schroyer, and Sgt. Thomas R. Sinkler. Major Darwin D. Lundberg (r) renders a sharp military salute during the ceremony.

New Fuze Model Range Building

Corona Labs Set To Initiate New **Dialing System**

NWC Corona Laboratories will operate on full scale "Network - In - and - Out-Dialing" Autovon system and "Centrex" commercial telephone system after Sunday, November 19.

In the changeover, new prefix numbers for outside calls have been designated as follows: prefix "8" brings the Autovon tone, while prefix "9" pens to the Corona Exchange

Other direct dialing possible is: 7-1 to Riverside; 7-2 to China Lake (after December 1); 7-3 to Pomona, and 7-4 to Los An-

In the Direct "In" dialing system by Autovon, the outside caller dials "832" and the extension for direct contact with his party.

Invite A Navy Man To **Dinner Thanksgiving**

Any families at Naval Weapons Center or residing in the Ridgecrest area that would like to invite Navy enlisted personnel to their homes for Thanksgiving Day dinner are requested to call Special Services Director at Ext. 71791 or 72017 prior to noon, Wednesday.

Construction on the new Fuze Model Range building at the Naval Weapons Center Co- their targets, at a fraction of rona Laboratories is well ahead the cost of field tests. Data on of schedule, according to Sam such simulated encounters will Finch, Superintendent in be used in optimizing the de-

Co., of Fontana.

accurate simulation of the encounter of guided missiles with Charge for Senks Construction sign of fuzes for Navy mis-

"The contract calls for com- The new range will add sigpletion by the end of Febru- nificantly to the capabilities of, ary," said Finch, "but it looks the NWC Corona Laboratories, as if we are well ahead of the which have already produced deadline. Good weather and fuzes for the Navy's Terrier, top cooperation by all the par- Tartar, Talos, Sidewinder, Bullties involved have given impet- pup, Sparrow III, Shrike, Wallus, and the work has gone at eye, and Phoenix - most of a rapid pace," he added. which currently are in use in The new facility will permit Viet Nam.

Friday, November 17, 1967



SHIPS OVER FOR SIX - DT-2 Dwayne Wightman is re-enlisted for another six years in the Navy by LCdr. F. H. Elliott, Commander, Enlisted Personnel. Wightman first entered Navy service seven years ago, and came to China Lake with his wife Patricia and children Diann, 2, and Darrin, 11 mo., last July. He works at the Dental Clinic.

Rocketeer Photographer Honored

(Continued from Page 4)

He was one of 10 boys in the United States to graduate from the International Patrol Leaders Training School in Mexico in July, 1961. He was troop Senior Patrol Leader during the Second Pimaree, an International Camp between the Catalina Council Arizona and Provincia 17, Sonora, Mex-

A native of Nogales, Arizona, Willey was one of three boys who helped to bring this camp into reality. He was presented his Eagle Award by Governor Luis Encinas of the State of Sonora at the First International Court of Honor the Boy Scouts of America ever participated in during November 1963.

Upon his return to the States, Willey and a close friend, also an Eagle Scout, made their report of the Court to the members of VFW Post 2066, at which time Willey was presented his first, and his friend, the second, Outstanding Eagle Scout, Gold Trophy the only two to be given out in

12 years of troop operation to

Willey joined the troop in 1960 when he was 14, and 34 months later made Eagle Scout with 39 merit badges. His latest and most important triumph was earning membership in the Carabao International Patrol. The son of Mr. and Mrs.

Gene Willey of Patagonia Road, Nogales, Arizona, Willey was graduated from Nogales High School in 1964 and on August 10, enlisted in the U.S. Navy. After completing Boot Training, he was sent to the Naval Air Technical Training Unit in Pensacola, Florida, where he was graduated as a Photographers Mate on June 7, 1965. That same month he arrived for permanent duty with Naval Weapons Center as a Photographic Technician as-

signed to the Rocketeer Office. Beside Scouting and participating in various outdoor activities, Willey likes to spend his spare moments tinkering with auto mechanics.

Olaeta Basque Festival to Perform

November 21, at 8:15 p.m. at the NWC Theater. Victor Olaeta, creator of the Olaeta Basque Festival of Bilbao, is a choreographer and dancer who also holds Master degrees in composition and conducting from the Bilbao Conservatory of Music.

The company performing here under Victor Olaeta's direction is a carefully selected group of dancers, singers and instrumentalists who sing, play and dance the same songs and dances that have been part of the lives of the Basques for centuries and are still part of their lives today.

The China Lake Civic Con-

cert Association is presenting

the first concert of the 1967-

68 season, the Olaeta Basque

The seven Basque provinces nestle on both sides of the Western Pyrenees in Spain and in France. The Basques farming, sheep-herding, fish on one foot for a few seconds, ing, and celebrating feast days and then leaps off — without

and saints' days, happiness and sorrow, love and loneliness are shown in song and dance.

As much a part of a Basque

Festival, on Tuesday evening, es are the musicians who perform on the unique Basque instruments. Possibly the best known, and certainly the most versatile, is the Txistu, an ancient, three - holed instrument of extraordinary range which the player fingers with his left hand while with his right he beats a small barrel drum which is suspended over his

> left arm. One of the most striking 7:30 p.m. to concert time. physical characteristics of the Basques is their agility. It is well represented in the nationequally well demonstrated in the dances to be performed by the Olaeta Basque Festival.

The Goblet Dance, to be performed at this concert, is climaxed when the dancer makes a spectacular leap onto a wine live as they have for millenia: goblet, remains there poised

a drop of wine spilling! Although the Basque terri-

tory is small, a wealth of tradition has come from it. Perfestival as its songs and danc- forming in native costumes, the Olaeta Basque Festival expresses Basque culture in the rich variety, vigor and virility.

Advance sales for this single concert will be held at the NWC Theater box office today. Monday and Tuesday noons from 11:30 a.m. to 1 p.m. and from 4:30 to 6 p.m. tonight and Monday evening. On the evening of the concert the Theater box office will be open from

Persons buying single admission tickets, priced at \$3, \$4, and \$5, may apply this amount al sport of jai alai, and it is to a season ticket which may be purchased up until the second concert on Monday, January 8. Single admission tickets for children are half - price.

> Season subscribers to the concert series have been mailed their tickets. Persons who have failed to receive theirs are asked to call H. L. Bagge,

Dream Comes True for NAF's Carmen LaFata



AMERICAN CITIZEN - ADR-3 Carmen La-Fata, recently naturalized American citizen, holds his son, Joey, 20 months, and daughter, Annie, 4 months, while his proud wife,

Susan, entertains her youngsters during the picture-taking process. A native of Italy, La-Fata came to America in May, 1955. The LaFata's live at 1201-B Smith Road, mony,

A Navy enlisted man assign- LaFata first stepped ashore ed as a transport crewman to on American soil in May, 1955, Naval Air Facility at China when he arrived from Carini, Lake realized a long - sought Italy, with his parents, Mr. and dream come true. ADR-3 Car- Mrs. Joseph LaFata, now residmen LaFata, 23 years old and ing in St. Louis, Missouri. a native of Carini, Italy, be- Graduating in June, 1964, came a naturalized American from McClure High School, citizen recently when he raised Florisant, Missouri, LaFata lathis right hand during citizen- er enlisted in the Navy on Ocship ceremonies held in Los tober 26 and received training Angeles Federal Court.

According to LaFata, he began filing for his citizenship papers soon after his arrival at China Lake in November, 1965, which eventually would allow him to acquire a higher security clearance and consideration for future Navy promotions.

LaFata doesn't take all the credit for his achievement, even though he deserves it for long hours of homework and study required before attaining his final goal. Two other people helping LaFata's dream come true were Lt. Joseph H. Hammett, NAF, OMD Aircraft Division's Officer, and another close friend, ADR-3 Christoph-

as an aviation machinist mate at the Navy's ADR-A School in Memphis, Tennessee.

From November, 1965, to February, 1967, he was assigned to NAF Maintenance Control and later a shift in jobs placed him with ODM Power Plants. During the years 1966-1967, LaFata was a member of the NAF Drill Team.

He has been awarded the National Defense Service Medal. In his spare time, he indulges in hobbies including television and radio repair and auto mechanics.

Married to the former Susan Jean Rhodes of St. Louis, Missouri, the LaFata's and their two children, Joey, 20-monthser Green, NAF OMD Power old, and Annie, 4 months, Plant, who were his witnesses reside at 1201-B Smith Road during the naturalization cere- at the China Lake Naval Weapons Center. To compare



NAVAL UNDERSEA WARFARE CENTER

PASADENA, CALIFORNIA



PAUL J. HECKMAN, Advanced Systems Branch, receives his third Patent Holding Award. His most recent invention is a "Variable Attenuation Laser Safety Face Mask for Divers." Making the presentation is Jim Green, Applied Science Division Head while Ivor Lemaire, Advance Systems Branch Head, looks on.

Credit Union Name Change

the credit union was also

changed by the same process so

that it now includes "Military

and civilian personnel of the

Naval Undersea Warfare Cen-

ter, under the jurisdiction of

the Pasadena, California Cen-

ter; employees of this credit

union, and members of their

are thus included in the field

of membership, plus some who

may be transferred to the jur-

isdiction of NUWC, Pasadena.

Welcome aboard, if you are

Santa Claus House again will

be maintained by airmen and

civilian employees at Eielson

AFB, Alaska. Volunteers post-

mark self-addressed and air

mail stamped envelopes, re-

turning them to children of

American servicemen. Since

1955 start of program, 84,000

insure arrival by Christmas

All of the present members

immediate families."

Several months have elapsed since NOTS became NUWC. and some credit union customers may be wondering why the name of the credit union was not changed immediately.

The name is now "NUWC Federal Credit Union." It was necessary to apply to the re-gional office of the Bureau of Federal Credit Unions in San Francisco for a change in the charter. Then the local board had to meet after having published an official notice of intent to vote on a charter change, etc. You, the members, are thus protected one of these new potential cusagainst random and perhaps ill-advised changes in your charter, which might adversely affect your financial interest.

Navy and Marine Corps are looking for "fresh approaches, ideas and techniques" in solving scientific and engineering problems by distributing an 85page pamphlet to industrial organizations and educational letters have been remailed. Deinstitutes. Pamphlet, issued by cember 15 is last deadline to Navy Material Command, lists

Former NUWC Diving Officer Commended

er diving officer at NUWC ability in directing the opera-rismas (17.5-18.5), but only by from February 1963, to January, 1966, has been authorized to wear the Combat "V" "for meritorious service from January 11 to March 12, 1967, in connection with salvage operations of dredge, Jamaica Bay, sunk by Viet Cong swimmers in the Mekong River, Republic of Vietnam.'

The Citation letter, written in the name of the Secretary of the Navy, and signed by Admiral Roy L. Johnson, Commander in Chief of the U.S. Pa-Warren consistently demon-

Lt. Robert R. Warren, form- strated outstanding leadership tions of the Salvage Tender, a half game over the two teams small craft and personnel un- tied for sixth, the White Tor-

> Lt. Warren accomplished this vital task through the application of a relatively new salvage technique known as foamed in place polyurethane foam. The sunken dredge was an obstruction to the construction and operation of the Dong

ous operation, the men under son, 236; women's series, cific Fleet, continued, "As Of- Lt. Warrens' command were Elayne Colson, 631; women's ficer-in-Charge of YDT-11, Lt. awarded the Navy Unit Com- game, Joann Roesener and mendation Ribbon.

PROMOTIONAL OPPORTUNITIES

ROCKETEER

To apply for position, contact Christine Marchand, Pasadena Personnel Department, Extension 278. A current SF-58 must be sub-

mitted when applying.

Fiscal Accounting Clerk, GS-4 or 5, Central Staff, Plans & Programs Staff, Management Data Processing, Code D117, San Diego — Gives clerical assistance to the Management Data Processing Group, Code D117. ment requests of the San Diego Division. De-termines availability of funds, legality of the transaction and enters appropriate accounting data on all procurement requests. The incumbent must be familiar with NUWC accounting and procurement procedure, be able to use typewriter and adding machine

Accounts Maintenance Clerk, (Typing) GS-4 or 5, Central Staff, Plans and Programs Staff, Budget Division, Code 117, San Diego umbent is responsible for establishing naintaining ledgers and records, preparing reports and graphs, and providing general clerical and typing assistance for group personnel. Must be a good typist and be able to use adding machine and calculator. Must understand the NUWC technical

Management Analyst, GS-7, 9, 11, Central Staff, Management Programs Division, Management Analysis Group, D112, San Diego & 112, Pasadena (2 vacancies) — Responsibilities encompass the full range of management analysis duties and require studies of organization, methods, procedures, cost ef-fectiveness, work simplification, manpower utilization, management engineering, etc. A college degree and knowledge of ADP and/

Strable.

Clerk Stenographer, GS-3 or GS-4, Code
P25 — Acts as assistant to the Department
Secretary and as alternate Division or
Branch Secretary as required. Performs secretarial duties including taking and transcribing dictation, preparing memos, correspondence, etc. Position will be filled at the GS-3 or GS-4 level depending on the qualifi-

cation of the applicants.

Diesel Engine Mechanic, WB-11, \$3.53 to \$3.83 per hour, Public Works Department Shops Division, Utilities Branch, 17554 — Operates, maintains, inspects, troubleshoots, overhauls, and tests diesel-electric p o w er plants, and tests diesel-electric p o w er plants, and their various components and systems. Performs major overhauls and re-pairs of diesel engines. Duty Station: San

Contract Specialist, GS-12, Supply Department, Purchase Division, Major Programs Branch, D8521, San Diego — Provides procurement advice and service to technical personnel at San Diego. Assists in preparation of Advanced Procurement Plans (APP), purchase descriptions, and requisitions. As-sists in evaluation and selection of qualified sources and in the evaluation of contract-ors' proposals. Attends conferences with project managers, Systems Command Representatives, engineers, contracting officers and commercial contractors.

Strikers Hold Lead

BY RAY HANSON

It's the Strikers by a neck, with the Picolo Petes and Sam's Group leading the rest of the pack in pursuit of the NUWC ng league leaders. The Strikers have won 25 and lost 11, going into the tenth week of the season. The Petes and Sam's Group have each taken 22 and dropped 14. The Minimarx (19-17) are third, while the Tangle Foots and We Five are tied for fourth (18-18). Fifth place belongs to the Chanadoes, and the Weaponeers (17-19). Seventh place is a log jam featuring the H-and-M's and the Kamikazi (15-21). The Eight Balls are in the cellar, with a 10.5-25.5 record.

High scores for the ninth week are as follows: team series, White Tornadoes, 3014; team game, Tangle Foots, 1023; men's series, Bob Marimon, For this extremely hazard- 668; men's game, George Jack-Maxine Talbot, 222 (tie).

NUWC, SD Man Patents Winch

the weight of the water to do of the lift. The ability to hold the work. This waterwheel principle is applied to a long cylinder resembling a huge log floating in the sea. The lifting cables are wound around the outside of the cylinder. Gym bal - hung pumps in sump compartments transfer water from and to watertight longitudinal pie - shaped compartments in the periphery of the cylinder. As one side is emptied and the other filled, the cylinder rolls to wind or unwind the lifting cables.

Rosenberg, a mechanical engineer, points out that a prototype has been extensively test-

The full size winch, 380 feet long and 134 feet in diameter. would be able to lift loads up to 10,000 tons from a depth of 6,000 feet. Speed of the lift can be controlled precisely.

The self - contained centrifugal pumps are driven by electric motors using power from the load suspended at a precontrol system for all valving available feature. functions for any given condition of the lift is provided. The are fastened to the load, would device can be used repeatedly handle both the breakout and and constantly. It is seaworthy lift. The operation could be for towing to any given loca- done as delicately as required tion. After arrival, ballast for by discreet use of the winch

The outer periphery of the any section of the load. large cylinder is threaded to In other than the salvage act as a winch drum. It is a field, the winch would be suitsource of storage for the load- able, according to its inventor.

the load, valves are opened to the ocean bottom. allow water to flow progressively from one pie - shaped compartment to another on the opposite side. The lifting strongbacks furnish sufficient off - balance weight to start unreeling the cables from the

Using the principle of a water the lines are attached terwheel, E. N. Rosenberg, to the load, the direction of Head of the Mechanical Engin- the drum rotation is reversed. eering Division, Naval Under- By using the large pumps and sea Warfare Center, San Die- appropriate valving, a lift go, has patented a hydro-torque is applied to the cylindynamic winch to lift heavy der. Positive control of the enloads from the ocean bottom. tire operation is exercised at Rosenberg's concept allows all times, including the speed



E. N. ROSENBERG

diesel generators. A remote determined depth is another

The winch, once its cables the actual lift is available at the controls. All lines lift in unison, preventing undue strain on

for placement, recovery, and When the cables are lowered maintenance of fixed engininto place for attachment to eering types of structures on

> ESO AT LARGE THE NUWC CHRISTMAS PARTY IS COMING FRIDAY, DECEMBER 15.

SecNav Outlines Long-Range Goal For Construction of Escort Ships

Secretary of Navy Paul R. Ignatius says the Navy is going forward with a long - range program to build both nuclear and conventionally powered escort ships.

The program will expand the number of nuclear ships over

With the construction of these ships," he said, "the surface escort forces will be modernized to meet the anticipated

He indicated that many factors went into Navy's decision for a mixed fleet of nuclear and non-nuclear escort ships. From a tactical standpoint, the Secretary said, nuclear pow-

er offers increased flexibility. But, he added, there are factors that tend to limit the number of nuclear ships the Navy can usefully employ. He listed some of these as cost, personnel and the "indus-

trial base for making nuclear equipment." He said, however, that the tactical advantages are of suffi-

cient importance to offset the increased costs of nuclear power and to justify a force of both nuclear and non-nuclear escort

China Lake Community Council



PANEL MEMBERS - A special panel representing China Lake, Ridgecrest, and Kern County civic leaders, responded to an invitation to join the Directors of China Lake Community Council in their open meeting Tuesday, November 14. Panel members are (left), James McGlothlin, Head, NWC Community Relations; Robert Duguid, President, Ridgecrest Chamber of Commerce; LeRoy Jackson, Chairman, Kern County Board of

Supervisors; Capt. M. R. Etheridge, NWC Commander; H. G. Wilson, Acting Technical Director; G. E. (Tommy) Thompson, Judge, Indian Wells Judicial District; Kenneth Smith, Mayor of Ridgecrest, and Kenneth Miller, President, China Lake Community Council. Capt. R. Williamson, NWC Executive Officer, joined the panel discussion on matters of importance both to NWC and to Indian Wells Valley residents.

Eighty-five Added Housing Units Requested, **Quick Action Promised On Recreational Area**

BY BOB McKNIGHT

Searching questions and straight answers stimulated comment on community issues at the Town Hall Meeting in the NWC Community Center November 14. The three - hour open session, an extension of the regular meeting of directors to promise that swift action of the China Lake Community would be taken on development Council, assembled a special of a recreational area, in repanel to discuss important mat- sponse to a petition made by ters with NWC and Indian boys and their parents in the Wells Valley residents.

A well - informed panel of representatives of China Lake, boys, asked the Community Ridgecrest, and Kern County Council about the petition explored the trend of housing which had been submitted. Askin the community and the ef- ing the boys to specify (with fect on community growth. "A their parents) the size of area, new mission has been assigned the desirable locations, and to the Center," said James Mc- similar specific recommenda-Glothlin, Head, Community Re-tions. Capt. Williamson relations," and 85 addition- quested a meeting be set up al units are needed to support through his office to accelerate the program. But to discuss completion. housing, you should discuss housing for the Indian Wells Valley. Hopefully, progress on private housing will develop very soon." Progress, as developed in panel discussion on questions from the audience, from 20 to 10 was unanimouscenters on impending approval

of 200 FHA Section 809 certificates, which will ease the way for private home loans. Both NWC residents and contractor personnel will be eligible for these certificates.

Capt. M. R. Etheridge and Capt. R. Williamson were able Capehart Housing area. Ronald Keene, spokesman for the

By voice vote of NWC residents present, a recommendation to reduce the number of directors on the board of the China Lake Community Council ly approved.



NAVAL RESERVE OFFICERS pay rapt attention to a presentation on modern missile fuze research and development at the NWC Corona Laboratories, Corona, California. They visited the Laboratory as part of an intensive two-week course at the Naval Air Station, Los Alamitos. In addition to the fuze development, they were briefed by Captain E. B. Jarman, and heard presentations on Missile Countermeasures, Dynamics, the Standard ARM, and the Evaluation area.

The local deputy for voter registration is Maxine Sutherland, acting for Vera Gibson of the County Court House in Bakersfield. The League of Women Voters will assist those seeking information.

Kenneth D. Miller, President of the China Lake Community Council expressed appreciation to the panel and all other participants.

Thanksgiving Day

The Food Service Department of the Naval Weapons Center desires to expedite the preparation and service of Thanksgiving Dinner to be served between the hours of noon and 1:30 p.m. on Thursday, November 23.

Thanksgiving Dinner

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1.00	.15	1.15
. 1.00	.45	1.45
	.15	.65
	. \$.55	55 . 1.00 .15 . 1.00 .45

Week for Youth (Continued from Page 1)

(the Optimists International ar- tron detectors aboard, is tele- ta. responsible citizens who receive altogether too little rec- Barstow. But Moore is interestognition of their achieve-

It asks the people of the two communities to "not only stop to think about the many plus qualities of the younger generation, but actively recognize the individual and collective attributes and achievements of as many young people as they can possibly reach . The Junior Citizen Award

Program will honor a boy or girl, 10 to 15 years old, who exemplifies the qualities of good citizenship. The final selection panel for the award is made up of members of the local Altrusa International, a ladies service club, in coordination with local school faculty members, police, local business and professional womens clubs, the Indian Wells Valley Pastors Fellowship and the Op-

Youth Activities Scheduled at NWC For Long Weekend

Thanksgiving holiday activities have been scheduled for the youth at Naval Weapons Center from November 18 through November 25 to include the following:

Youth Basketball League registration and clinic fo-r 13 and 14 - year - olds at Center Gym, Saturday, 8:-30 a.m., November 18.

Vacation Dance at the Youth Center - Junior Student Union, Wednesday, 7-10 p.m. November 22. No admission charge for members with dues paid. All other members 50 cents. No family night is scheduled because of this dance.

Senior Student Union Dance at the Community Center, Friday, 8-11 p.m., November 24. No. admission to members with dues paid. All other members \$1.

For further information regarding the dances, call Richard Wadman after 2:30 p.m. at Ext. 72909.

Registration and Clinic for 10, 11 and 12-year-olds at 11 a.m., Saturday, November 25.

Four Scientists Present Papers At Corona Meet

The Foothill Section of the Institute of Electrical and Electronics Engineers will hold its November meeting at Naval Weapons Center Corona Laboratory's Club on Tuesday, November 21.

Verne E. Hildebrand, Code 453, will talk on "lonospheric Measurements During the Solar Eclipse by VLF Techniques." Experiences during the 1966 expedition to Brazil, and some preliminary technical results, will be presented.

Reception at 6:30 p.m., dinner at 7 and the meeting at 8 is the evening's schedule. Dinner is \$2.75, and reservations may be made with H. Joseph, at Ext. 5254. Wives and guests are

Chessmen Battling

In chess vernacular, th game continues with develop ing moves for control of the center squares. Black has brought both Knights into supporting positions, while White has fianchettoed his Bishops.

The game to	date:
ORONA	CHINA LAKE
HITE	BLACK
-KB3	P-Q4
-QB4	P-QB3
-QN3	N-B3
-N3	B-B4
-KN2	QN-Q2
-N2	P-K3
-0	B-Q3
-Q3	THE PARTY OF THE
	No. of the Control of

Scientists Using Space Satellite To Search lonosphere Envelope

(Continued from Page 1)

orbit directly above the equator and at 151 degrees West. Taking just 24 hours to circle the earth, in the earth's direction of rotation, it always stands above the same point.

At the Division's workshop near the intersection of North Knox and Water Roads in Area R, three uni-directional, or "Polarized," antenna are pointed at the ATS-1. Each antenna is about 15 feet long and with its cross members looks like a simple TV antenna.

The satellite, with a magnetwho are "constructive and metering information to the Goldstone tracking station near ed only in the mere signal it-

> The signal is modified as it passes through the ionosphere, the other ended near Christbut differently according to whether the region is highly or lightly populated with ions highly when struck by sunlight radiation; lightly during the night. This signal modification, called a Farraday Rotation, is measured by the three antennas, each phased differently through a 90-degree interval.

The investigators are also using a battery of four refractive telescopes with six - inch objective lenses connected with photomultipliers, to measure the intensity and variations of

matically analyzed by comput In a closely related effort, high energy particle readings

taken by ATS-1 and gathered at the University of Minnesota will be correlated with intensi ty readings that will be taken visible aurora at one end of the magnetic field line that passes through the satellite The line intersects the earth at about 250 miles northeast of Whitehorse in the Yukon Territory. Moore expects changes in the visible aurora to correspond with similar changes in the satellite readings. A flight ometer, a suprathermal ion is planned toward the end of detector and high energy elec- November to gather such da-

> flights were made at each end of another field line, to measure aurora activity. One end of this line was near an auroral monitoring station in Alaska; church. New Zealand.

Jim Moore, a physicist, carries on this investigation into the ionosphere with Gary Babcock, another physicist in the Upper Atmospheric Sciences Branch. They work with Dr. S. V. Venkateswaran, an associate professor with UCLA's Department of Meteorology and his graduate student, Thomas Nor-

plains the airglow and aurora phenomena," Moore says, "but the airglow from the iono- what we are looking for is an sphere at night. Signals from exact description of how this the antennas and the telescopes happens. This should tell us a are recorded on magnetic great deal more about the ion-

"There is a theory that extapes, which are then mathe- osphere than we know now."

ROCKETEER

CHAPLAIN'S MESSAGE

When True Love Goes to War



CHAPLAIN JUDE R. SENIEUR

When we fall in love we turn the key to happiness and open the door on all the treasures of nature. Through these treasures we give expression to our love.

The key is made of effort. All the power of nature is at the disposal of our intelligent effort. Our intelligence brings the uncontrolled power of irrational nature in line with our rational pursuit of love and happiness.

A man in love will till the soil, fell a forest, channel moisture, enrich the earth, domesticate cattle, and corral every type of game in order to provide food, clothing, and shelter for his loved ones. In our more sophisticated society we do the same things indirectly through a desk, a lab, or a machine.

We contain the erratic power of water behind dams and within pipes. We channel the streaking power of lightning through transformers and well ordered wires. We harness the air waves and sea currents, the chemistry of the elements and the energy of the atom . . . all to serve us in our expressions of love.

Irrational nature is power on the loose, waiting to be contained, controlled and converted by man into an instrument of service in the expression of true love. We do not expect the power of irrational nature to conform automatically to the needs of our love life. Rather, with our intellectual power guiding our physical prowess we conquer irrational nature, bring it under control, and harmonize it with our pursuit of happiness. Because of our ability to conquer and control the forces of irrational nature, we possess in our intelligence the greatest power

It is regrettable, but no less true, that the great power of the human mind can wander into the world of irrationality and expend itself in uncontrolled destructiveness. This happens when the mind of man is divorced from true love and becomes overwhelmed by the selfish motives of emotional preferences. And when this happens, true love, which motivates man to conquer the power of irrational nature, will motivate man to go to war.

True love never inspires man to fight another man as a human being. True love goes to war only against the uncontrolled or misdirected power of man acting irrationally. True love at war does not seek vengeance. It does not seek "an eye for an eye." It does not seek revenge. It seeks only to remove the obstacle of irrationality from the path of fulfillment in the

love of God and the love of neighbor.

None of us are perfect, neither as an individual nor as a nation. As such we are not capable of perfect love. This is why an individual in his fight against irrational nature to feed and clothe his loved ones, can find strains of selfishness that, left uncontrolled, can lead to avarice, sensuality, and loveless ambition. This is why a nation at war against the irrational ambitions of another nation can find in itself strains of selfishness clamoring for expression. But the fact of imperfection need never stand in the way of our efforts toward perfection. Nor will true love in the imperfection of human nature stand by and let the opportunity for expression be destroyed.

There is no end to the effort and sacrifice that true love can motivate in order to harness irrational nature. When man himself reverts to the irrational and permits his great power to go uncontrolled, or permits it to be dominated by passion and emotion in the direction of destruction instead of being guided by love in the direction of harmony and happiness, then he can expect a reaction of force that only love can inspire.

True love will fight irrationality wherever it appears as an obstacle to love's fulfillment. It may be in ourselves, in our neighbor, in a nation. But no matter where or how, the fact remains, when love in rational man is threatened or obstructed by irrationality in any form, then TRUE LOVE WILL GO TO WAR! And peace will reign only when love prevails!

The Rocketeer Official Weekly Publication

U.S. Naval Weapons Cente China Lake, California Capt. M. R. Etheridge, USN NWC Commander "J." Bibby Public Affairs Officer

News Bureau Frederick L. Richards

Staff Writers Milt Shooly John R. McCabo Ed Ranck, Sports

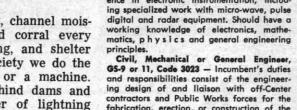
Staff Photographers PH1 Jerry Williams, PH1 Gary D. Bird, PH2 Philip H. Beard, PH3 Jerry Willey, AN Kenneth G. Stephens.

DEADLINES:Tuesday, 4:30 p.m.

.....Tuesday, 11:30 a.m. Rocketeer receives Armed Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds in liance with NavExos P-35, revised July 1958. Office at Nimitz and Lauritsen. 71354, 71655, 72082

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and responsibilities consist of the engineer-ing design of and liaison with off-Center contractors and Public Works forces for the fabrication, erection, or construction of the services, equipment, and facilities to support the testing programs being conducted on the Systems Development Department's

ROCKETEER

PROMOTIONAL

OPPORTUNITIES

Present Center employees are encouraged to apply for the positions listed below. Applications should be accompanied by an up-to-date Form 58. The fact that positions are advertised here does not preclude the use of other

Electronics Technician, GS-11, PD No. 730140, Code 3024 — As a senior member of the Electronic Warfare Branch, the incumbent will direct and instruct the crew of

various EWC radar sites in the installation

a variety of radar and associated equipment in the Electronic Warfare Complex. Qualifi-

cations: A minimum of six years broad, pro-

gressively difficult and diversified expe

ion, operation and maintenance o

on the Systems Development Department's Ground Ranges.
File application for above with Fawn Haycock, Bldg. 34, Rm. 34, Phone 71514.
Engineering Draftsman (Gen), GS-818-5, 6, or 7, Code 3574 — This position is located in the Mechanical Systems Branch, Development Division VII, Aviation Ordnance Department. Provides drafting services for the preparation of detailed and essembly draw. preparation of detailed and assembly draw ings and engineering layouts and for the

preparation, maintenance of drawing and specification files.

File applications with Mary Morrison, Bldg. 34, Rm. 32, Phone 72032.

Ordnance Learner, WB-65001-5 (\$2.89 — \$3.13 per hour), Code 4571 — Assists in a variety of manufacturing operations to care variety of manufacturing operations to car-ry out processes associated with experimen-tal and/or developmental preparation of various kinds of propellants. Qualifications: Applicants must pass the Helpers test. No

experience required.

File applications for above with Jan Bix-ler, Personnel, Code 656, Rm. 24, Phone

Clerk-Typist, GS-3, (Temporary not to exceed one month), Code 4007 — Performs clerical typist duties for Chaparral Pro-gram Office, Weapons Development Department. Includes typing technical notes and reports, correspondence, forms, statistical tables and inter-office memoranda. Receives elephone and office callers; receives and distributes in-coming mail and other dutie

Clerk-Typist, GS-3 or 4, (Part time), Code 4036 — Performs clerical typist duties for Biological & Chemical Weapons Branch, Air-to-Surface Weapons Division, Weapon Development Department. Includes typing technical notes and reports, corresp ence, forms, statistical tables and inter-office memoranda. Receives telephone and of-fice callers; receives and distributes in-coming mail; arranges for travel and maintain

branch files.
Clerk-Typist, GS-3 or 4, (Part time), Code 4073 — The incumbent will serve as Branch secretary and will be responsible for the typing of official correspondence and mem-oranda; preparation of travel orders and

oranda; preparation of travel orders and stubs; acting as receptionist for the Branch Head; and filing.

Mathematician, GS-9, 11 or 12, (1 vacancy), Code 4041 — The incumbent will provide digital computer programming and analytical support for the Analysis Branch, Guidance and Control Systems Division. Responsibilities will include providing both FORTRAN and assembly language programming assistance for Branch Analysts in the areas of strapped-down inertial guidance and optimal adaptive control system analysts. and optimal adaptive control system analy-sis. Digital simulation for a digital computer modeling program will be required. It is expected that the incumbent will be capable of digital computer coding, independent an-alysis and of exercising the digital programs under his cognizance, evaluating the program results and making suitable program modifications as necessary.

gram modifications as necessary.

File applications for above with June
Chipp, Rm. 26, Bldg. 34, Phone 72676. 785008, GS-188-5, and 7, Code 855 - Assist in the organization and administration of programs for physical fitness, intramural sports, athletic clubs, and Red Cross classes and programs under the direction of the As-sistant Athletic Director. Qualifications: Four years college with at least 15 units of physical education, arts and crafts, music or social science or three years general experi. ence in recreation, education, welfare, or re-lated fields plus one year specialized experience, plus written test.

vicz, Personnel, Bldg. 34, Rm. 26, Phone

Safety Officer, GS-018-9, 11 or 12, (2 Vacancies), Code 20 — Duties consist of working with technical departments in establishing a safety program and providing techance to departments in the area of safety. Qualifications: Applicants must have a bachelors degree or its equivalent in science or engineering from an accredited

Safety Assistant, GS-018, 5 or 7, (One vacancy), Code 20 — Experience requirements are four years for the GS-7, five years for the GS-9 and six years for the GS-11. Experience must have included the ability to deal effectively with people in the observance of

Unitarian Fellowship - (Chapel Annex, 95 sponsible for the administration of the Internal Security Branch and the Official and reservation of special material categor.

EDITORIAL

Annual Inventory

THANKSGIVING, first celebrated at Plymouth in 1621, was only occasionally observed for the next 200 years.

It wasn't until 1863 that a day was set aside for Americans to make an assessment and give thanks for what they have

Today, in 1967, we might sit down and come up with a list that reads something like this: We can be thankful we live in a Nation in which citizens can

speak freely. We can be thankful for a nation which is not only the richest



and most productive in the world, but one in which those who produce the goods and services that make it rich can share in

We can be thankful for a Nation where every citizen can exercise the precious right to vote and have a voice in the government. We can be thankful for the brave, dedicated men and women in uniform who are serving in distant places, far from the happy Thanksgiving celebrations of their friends and loved ones, waiting, fighting and often dying to preserve freedom in a troubled world. We truly have much for which to be thankful. (AFPS)



NWC ENLISTED PERSONNEL MESS

Saltines Lemon Wedges Roast Tom Turkey Onion Dressing Giblet Gravy Candied Yams Baked Virginia Ham

Mashed Irish Potatoes Pineapple and Raisin Sauce Creamed Garden Peas and Mushrooms Buttered Whole Grain Corn Assorted Individual Salads

Butter

Tea

Cranberry Sauce Sweet Pickles Hot Dinner Rolls Pumpkin Pie

Coffee

Stuffed Celery Assorted Olives Assorted Breads Whipped Cream

.....

The Center All Faith Chapel will observe Thanksgiving week beginning Sunday, November 19, with appropriate day and evening Protestant and Catholic services throughout the week.

Sunday Catholic Masses will follow the schedule of 7 a.m., 9:30 a.m. and 12:30 p.m. Regular Mass at 8:30 a.m. on November 23. Thanksgiving Day. Protestant Divine Services will be held Sunday at 8:15 and

Special Protestant Thanksgiving services will be held at 10

Visitors Branch. Initiates requests for inves-

tigations of personnel, reviews investigative data and makes recommendations for eligibilities for employment and access to classified information. Establish need to know clearances and purpose for Center representatives at other activities and for official Code 2575 — Receives bills, checks for visitors to the Center. Establishes and main tains a security training program for Center employees. Qualifications: Extensive knowledge and experience in the full range of security operations in general and personnel security operations and regulations in par-

ole Cadle, Bldg. 34, Rm. 28, Phone 71648.

Naval Weapon Center Corona Laboratories, announces Foreman (Leadingman) Model Maker (Machining), Annc. No. 06(67)WS-NWC, issued November 1, 1967 — Competiditional employees of Navy activities within California. File Card Form NAVEXOS-4155-AB, Registration Card Form NAVEXOS 4156-AB and Standard Form 57 with the Personnel Director, Naval Weapons Center Corona Laboratories, Corona, California 91720, not later than the close of business on December 12, 1967.

Supervisory Personnel Security Specialist, (1 vacancy), GS-080-9 or 11, Code 841 — Responsible for the administration of the Incompletion of documents for the acquisition of the Incompletion of the Inc

ies, high priority, and surplus material t meet planned requirements and to per-form all necessary clerical functions incident and common to the operations of the

Voucher Examiner, GS-4, (Four vacancies curacy against stubs, sorts bills and pre pares a summary of accounting data; files stubs and maintains constant follow-up of current stubs to monitor timely and prope receipt of ordered material.

Clerk-Typist, GS-3, (One Vacancy), Code 2575 - Responsible for the preparation of all outgoing documents, the subsequen processing, routing and/or mailing thereof and the daily distribution of incoming par ers pertaining to the Receipt Control Bra File applications for the above with Vick

File applications for the above with Vicki Mead, Bldg. 34, Rm. 28, Phone 72218.

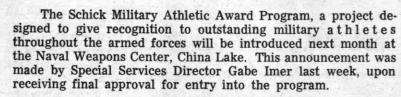
Helper, (Electronics Mechanic), WB-5, \$2.-89 per hour, Code 5515 — The position is located in the Standards & Calibration Laboratory Branch, Quality Engineering Division, Engineering Department, Incumbent assists electronics mechanic or technician i overhauling, modification, repair and installation of electronic equipment. Under imme forms missile check-out and tests missile sys

THE LOCKER ROOM

Friday, November 17, 1967

Athlete of the Month

By ED RANCK



RECOGNITION

According to Schick Executive Committee Chairman Patrick J. Frawley Jr., the Schick Military Athletic Award program is 'designed to recognize the accomplishments of athletes in the military service and to support the President's programs in

To explain just how the program works and how it may effect military athletes of China Lake, it's best to refer to a letter received recently by Imer. The letter, from W. J. Hagerty of the Schick Military Athletic Hall of Fame, outlines the basic format of the program and describes the various honors that are to be bestowed on those people chosen:

MORALE BUILDER

Schick believes that this public service program will not only be a morale builder but can aid in recruiting and retention of military personnel by enhancing the image of the military athlete on a nationwide scale.

The Southern California program will be a three month pilot project as the first step in a nationwide program culminating in a Military Athletic Award Banquet in Washington, D.C.

NOMINATIONS

Each month we will provide you with a form to nominate the outstanding athlete from your Command. It is requested that you select your athlete for the month as soon after the end of the month as possible. The criteria used in your selection is completely up to you, but we recommend you consider athletes in all phases of your programs including intramural.

We recommend that you consider for the Schick Military Award only those men who have displayed high moral standards and whose service record is without disciplinary blemish.

Upon receipt of your nomination we will enter your athlete's name on the rolls of the Schick Military Athletic Hall of Fame. We will also have his name inscribed on the distinctive Schick Military Athletic Award Medallion which will be sent to you for suitable presentation at your Command.

HALL OF FAME

The second phase of the program is the selection by the Military Athletic Hall of Fame Award Advisory Committee of an all-Navy Athlete of the Month from the nominations of participating Naval Activities. If your athlete is selected for this honor he will receive for your Command a handsome trophy. During the three month pilot project instead of an all-Navy, we will select an all-Southern California Navy Athlete of the Month.

ATHLETE OF THE YEAR

The third phase of the Military Athletic Award program is the All-Navy Athlete of the Year to be selected from the 12 monthly winners at the end of a Military Sports Award Banquet in Washington, D.C. If your athlete is among the semi-finalists, he and his Special Services Officer will receive an all-expense trip to Washington, where he will, if selected All-Navy Athlete of the Year, compete with the other service winners for the title of Military Athlete of the Year.

The Military Athlete of the year will receive the Patrick J. Frawley Jr. Trophy, recognizing him as the Armed Forces Outstanding Athlete. Among the facts that will determine the selections are, overall ability, sportsmanship, agility, coordination and speed. Such non-athletic considerations as personal appearance, leadership and military bearing also will be used to little short in the third game, determine the winners.

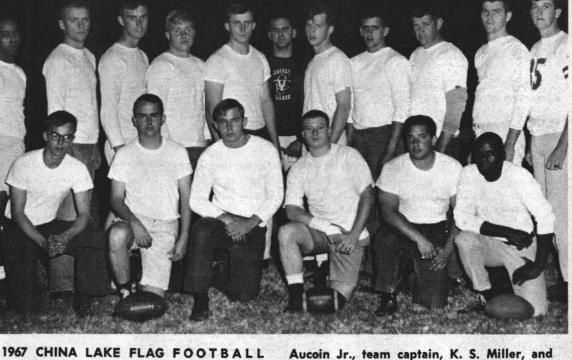
The actual selections of the regional winners will be made by Schick Athletic Award Advisory Board. Members of the board will include Melvin Durslag, sports columnist of the Los Angeles Herald Examiner, former light heavyweight champion Archie Moore, Al Coupee, Sports Director of San Diego's KOGO-TV and VAdm. W. O. Hiltabidle, USN (Ret.). The initial selections at China Lake will be made in approximately two weeks, with November's winner being announced in the Rocketeer on December 3.

Top Duck Hunting at Reservoir

The Department of Fish and The DFG reported the best voir in Merced County.

Game reports that top duck way to hunt the big open lake hunting is available to the unis with scull boats. Hunters attached hunter at the new are reminded that it is unlawstate - federal San Luis Reser- ful to hunt from a powerboat.

There is no fee for hunting. An estimated 200,000 ducks but camping and boat launchare using the 5,000 surface-acre ing charges of 50 cents are rereservoir as a resting place, quired for use of recreational for first place remained as tor- Boyd's Auto Parts 16 for the few hunters who have Department of Parks and Rec- Cosmetics and Tom's Place re- Starlite reation.



CHAMPS - VX-5 Flag Football Champions, "The Vampires," lived up to their name with an impressive 7-1-1 victory record. Back row, left, are W. H. Johnson, R. Lyons, E. R. Seetin, R. L. Bruner, R. M. Draper, G. H. Highers, team coach, G. P. Hale, R. L. Petitt, E. S. Pujol, D. W. McKay, and M. W. Martin. Front row, left, T. G. Parrot, W. R. Meeks, G. R. Smithen, team captain, B. J. Crabs last Thursday night 13-12.

G. Prophet. On the team, but not available for team photo, are J. E. Curran, J. E. Nunes, G. L. Ellwanger, J. G. Simmons, C. M. Deering, and B. L. Morris. Team members admit that other Flag Football Teams gave them a "run for their money" in the weekly grid competitive battles held on Schoeffel Field at night. The Vampires defeated the

Later in the first period, on Jim Ayers on a 60-yard scor-

Vampires Win Two Games To Clinch 1967 Flag Football Championship

The VX-5 Vampires completed their most successful season in recent years this week, winning two games to clinch the 1967 China Lake Flag Football championship. The Vampires Draper's pass to Jim Curran their final drive, the Crabs defeated the Crabs last Thurs- moved the ball to the three were stopped by the Vampire day night, 13-12, to take the title, then ended their season went over for the tieing touch- and lost the ball on downs Tuesday with a 20-13 victory over NWC.

The Crabs entered the game needing a victory to move into a tie for the league lead. In the opening series of downs, they moved 47 yards on three plays to take the lead. Tom Mather hit Rich Lassell on a 30-yard screen pass to move the ball to the Vampire 17. Lassell went up the middle for 15 more, then scored on a 2-yard sweep around the left side. The extra point was missed and the Crabs

with a 251, then bowled a 247

rolling 191, but still ended with

an outstanding series of 689.

John Howe with 232; Bill Os-

borne with 212; Fred Dalpiaz

at 211; Ben Whiteside with

206 and Bob Scicle at 201 were

the other 200 bowlers in the

Rocky Brady rolled 224-210-

203 for a 637 series to pace

the Desert Handicap League.

Ray Smith had 233 for high

single while rolling a 618 se-

ries. Other 200 games includ-

ed Dick Meeker 224; Ben

Whiteside 224; Alex Ribultan

In the Premier League, the

Midway League.

third down with long yardage, ing pass to make if 13-12. The Russ Draper hit Gary Ellwang- Crabs missed the extra point, er on a 28-yard pass to give but had one more opportunity VX-5 a first down on the 18. at the end of the game. On and two plays later Curran down. Draper passed to Jim shortly before the final gun. Johnson for the extra point to send the Vampires into the ed winless NWC, 20-13 to end

The teams battled on even The NAF Hawks moved back terms until the final two min- into second place by defeating utes of the game. From the NWC 13-6. VX-5 19-yard line, Draper hit Ellwanger on the Crab 35, and the Vampire end went in to score what seemed to be the clincher.

Trailing 13-6, the Crabs got back into the game two plays later. After one incomplete pass, Mather connected with

In the Monday Women's

al scores for the past two

DeMarco 508.

Keglers League Pace Fast Action

For two games last Tuesday while Boyd's Auto Parts and

evening, Chuck Albright ap- Mercury Movers remained

peared to be on his way to Chi- close. Al Hebert had high se-

na Lake Bowl's second 700 se- ries with 624, and tied with

ries of the year. Rolling in the Bobby Kochman at 216 for

Midway League, Chuck opened high game honors.

defense inside the 20-yard line,

In other games, VX-5 defeat-

the season with a 7-1-1 record.

MUSTY MUSINGS From the Past

"From out of the past" is a new monthly sports feature of the Rocketeer. In the next few months, many stories that made news in years gone by will be presented in this fearure. — Ed. Ranck.

First Results Tabbed In Golf Tournament

ROCKETEER—Nov. 12, 1954 weeks included Pat Maxwell - Results of the first rounds 638; Cynthia Schoenkals 201- of play in the Satellite Lake 521; Dottie Duncan 527; Neola Golf Club match play tourna-Crimmins 203-508 and 198-505; ment, which started last Satur-Maggie Branson 211-505; Val day, were announced this Strommer 511 and Charlotte week.

In the first flight competition, Floyd Rockwell downed In Junior Bowling, Dan Ful-E. B. Davidson, five and four: ler rolled 197-519 to lead the Hank Wedaa defeated Colin boys in the Junior Mixed Taylor, one up, and Frank Si-League, and Patty Dalpiaz hit ma beat Milt Wolfson, three 169-504 to lead the girls. Mary and two. Clark rolled a red hot 108-282

No matches were completed in the second flight, but in the third flight, Everett Hill outscored Bill Koontz, five and

In other golfing news of the pins weren't falling as often as Woodard Cosmetics 17 13 past week, Jim Ford tied the

13 nine hole record of 29 in a non-14 tournament round. He shot six and limits have been the rule facilities administered by the rid as ever. Viviane Woodard Mercury Movers 15 15 birdies and three pars to tie 14 16 the mark established by Paul

mained in a tie for the lead. Foremost see were Virt , to ord it been the com tame, and to rest to rest to rest to rest to rest and the company and the company are to rest t faxine bot 22 (tie).

220 and Ed Donahue with 212- game with 152.

they usually do, but the race Tom's Place

in the Bantam Girl's League

and Pam Phillips had high

Premier League Standings

11 19 Someson. no not show ame yith a read to a s

edi m ned era doine and

DIVINE

Morning Worship—8:15 and 11 a.m. Sunday School—9:30 a.m., Chapel An-

Holy Mass-7, 9:30 a.m., and 12:30 p.m.

Daily Mass-11:30 a.m. in Blessed Sacra-

ment Chapel. Saturday, 8:30 a.m.

NWC Jewish Services (East Wing All Faith

Chapel)-8 p.m. every first and third

Sabbath School-10 a.m. to noon, every

first and third Saturday.

King Ave.)-Sunday, 7:30 p.m.

Confessions-7 to 8:00 p.m. Saturday.

cated opposite Center Restaurant.

Roman Catholic (All Faith Chapel)-

Christian Science (Chapel Annex)-

Morning Service—10 a.m. Sunday School—10 a.m.

Protestant-(All Faith Chapel)-

SERVICES

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