

### Desert Community Orchestra Gives Free Classics Concert Sunday Night

Robert Cole starts his second season as conductor of the Desert Community Orchestra at the free concert, Sunday, Nov. 19, at 8 p.m. in the Center Theatre.

Mary Ann Ringgold, Hollywood violin virtuoso, will make a return engagement by popular demand. She played with the California Chamber Symphony, the Immaculate Heart College Community Orchestra of Hollywood, the Spokane Philharmonic, the Columbus Symphony, and the Mozarteum Orchestra of Salzburg. She was a Fulbright Scholar, a graduate of Whitman College, and the University of Illinois. She has appeared in recital on special tour programs in Germany, Austria, Switzerland, and Italy.

The Desert Community Orchestra 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 financed by public support, 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 B-Flat 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.

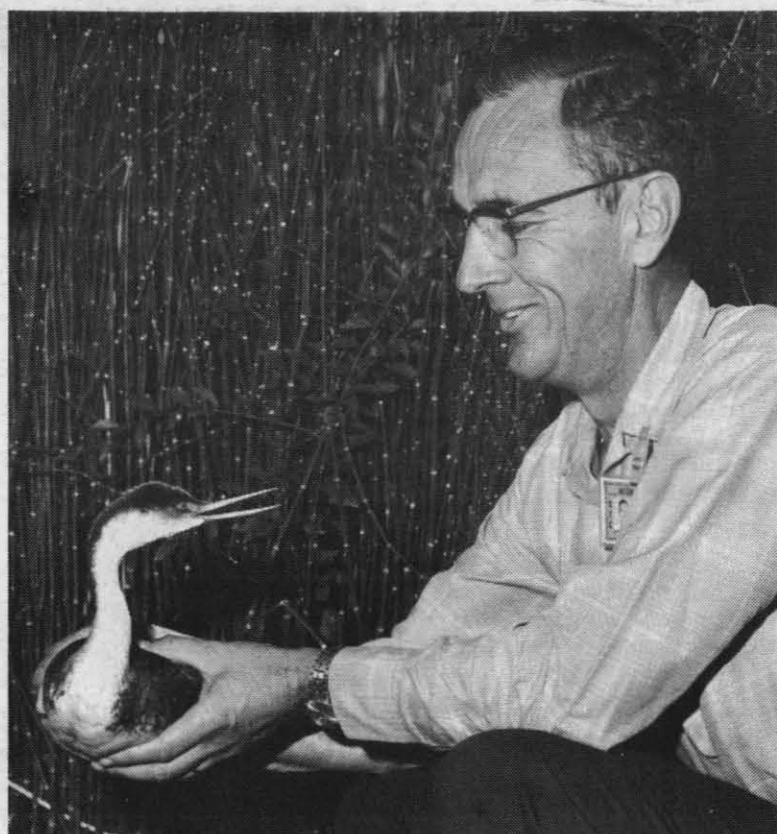
Franz Schubert lived only 31 years, from 1797 to 1828. Born in Austria, he was the foremost exponent of the romantic movement. The Rosamunde

was originally composed as the overture to an operetta, Die Zauberharfe. When Schubert was asked, in 1823, to supply music for the romantic play Rosamunde, he made use of this music which he had composed two years before. The B-Flat Major Entracte played on this program had a melodic theme that Schubert loved dearly, and included in a number of his other works.

Camille (Charles) Saint-Saens, celebrated French composer, lived 86 years from 1835 to 1921, and was successful most of the time. This genius made his first public performance on the piano at the age of four and a half years. He was most famous for the operas Samson and Delila, Rondo Capriccioso, and Dance Macabre, 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 from this suite.

Joseph Haydn, 1732 to 1809, 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 sinfonia (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, Oboe.

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



**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 to this area.

### 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 J. 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, "Compatibility 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 Devices."

### 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 hardback covers.

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.

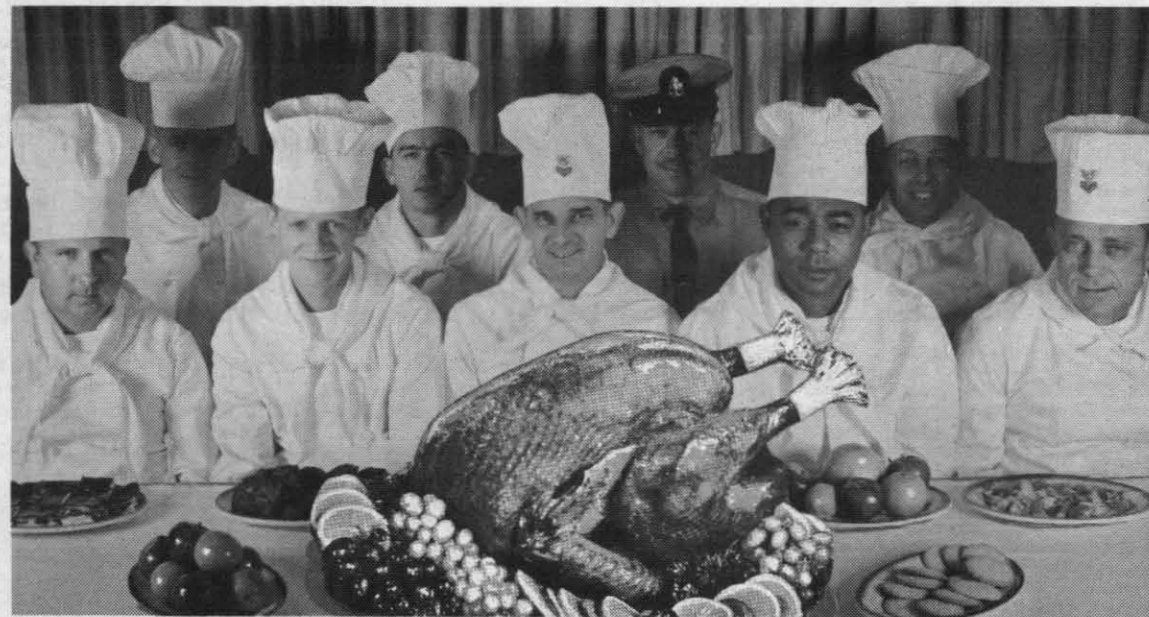
Mrs. C. J. Renne is chairman of the event and Mrs. Clyde Campbell is PTA Director of Education. Chairman of hosts and hostesses is Mrs. Crill Maples, and Mrs. Robin Fuller is in charge of sales and orders.



**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 Security Administration.



Form with fields for 'From', 'TO', and a 'STAMP' box.



### Turkey Experts Prepare Holiday Feast, China Lakers Give Thanks

Eight cooks with their supervisor, CSC E. I. Jones, display a 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 Day.

Navy Exchange and Commissary will be closed.

According to Special Services officials, the following activities will also close Thanksgiving Day: Gym and pool; Youth Center; Camping Equipment Issue; Ceramics Shop (also closed Friday); Community Center (also closed Friday); Auto Hobby 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 schedule.

### Cite Campaign Drive A Success

Co-chairmen of the 1968 Combined Federal Campaign, Captain R. F. Schall, NAF Commanding Officer, and John DiPol, 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 Community Center this week, the co-chairmen 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.

(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. Behind the scenes of golf! (Adult.)

Short: "Lion Around" (7 Min.)



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## NWC Researchers Investigate Earth's Ionosphere Envelope



### 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)

**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 ionosphere 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

### Week for Youth Proclaimed by Two Towns

Youth Appreciation Week, observed now through Sunday in the Indian Wells Valley, is both a salute to the younger generation and an invitation to the community to pledge its support.

Ridgecrest mayor Kenneth M. Smith and China Lake Community Council president Kenneth Miller jointly signed a proclamation recognizing the special week, in conjunction

with the Optimist Club of Ridgecrest - China Lake. The Optimists are conducting a program to honor a "Junior Citizen" of the year for the fourth year, with the award banquet scheduled for December 9 at the Hideaway Restaurant.

The joint proclamation is dedicated to "the overwhelming majority of the youth of the United States and Canada" (Continued on Page 3)



CROSSWORD PUZZLE with grid and clues. Includes 'ACROSS' and 'DOWN' sections with various clues and a 'STAMP' box.

## Annual Gem - Mineral Show Here Nov. 18-19

## Annual Gem, Mineral Show Set For Weekend

The Indian Wells Gem and Mineral Society is holding its 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 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

carving, and Mrs. Mildred DeHarrold, Original Silverwork.

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 paintings.

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 Sunday to Glass Mountain for crystal, opalite, 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.



**HAPPY BIRTHDAY MARINES** — Helping to celebrate the 192nd Anniversary of the U.S. Marine Corps at the Naval Weapons Center, at the Community Center are (l), 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. Hickie. 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 (l), 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.

## Rocketeer Photographer Honored For Outstanding Scouting Work

A 20-year-old Navy photographer assigned to Naval Weapons Center, Rocketeer Office, received an unexpected and pleasant surprise Thursday evening, November 9 at the Veterans of Foreign Wars Post 4084 in Ridgecrest.

A special Boy Scout Court of Honor was held that evening to honor PH3 Jerry G. Willey for his outstanding contributions in the realm of scouting.

On hand for the award presentation ceremony were: LCDr. 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 Scouting Desert District; George Bowles, District Commissioner for Scouting; Boy Scouts; VFW members; guests, and visitors.

Commander Elliott, making the presentation, read the citation accompanying the award: "Let it be known that through his contributions to Scouting

on the international level, Jerry Gene Willey, holder of the Eagle Award with bronze, gold, and silver palms, also holder of the Veterans of Foreign Wars Post 2066 Gold Trophy as an Outstanding Eagle Scout, also holder of the Scouters Training Award, is summoned here to be awarded membership in the Carabao International Patrol. A unit which by its composition alone, can not be recognized by individual countries. However, it is recognized by the World Brotherhood as an independent organization of outstanding scouts and scouters of Twenty-nine Nations, promoting World Brotherhood and Friendship through Scouting." Willey is the 42nd Scout of the Twenty-nine Nations to receive such high honors.

Willey's personal record can speak for itself in demonstrating his outstanding and unusual ability and concern for Scouting activities.

(Continued on Page 5)



**NAVY PHOTOGRAPHER HONORED** — LCDr. F. H. Elliott, (l), 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.

## 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.

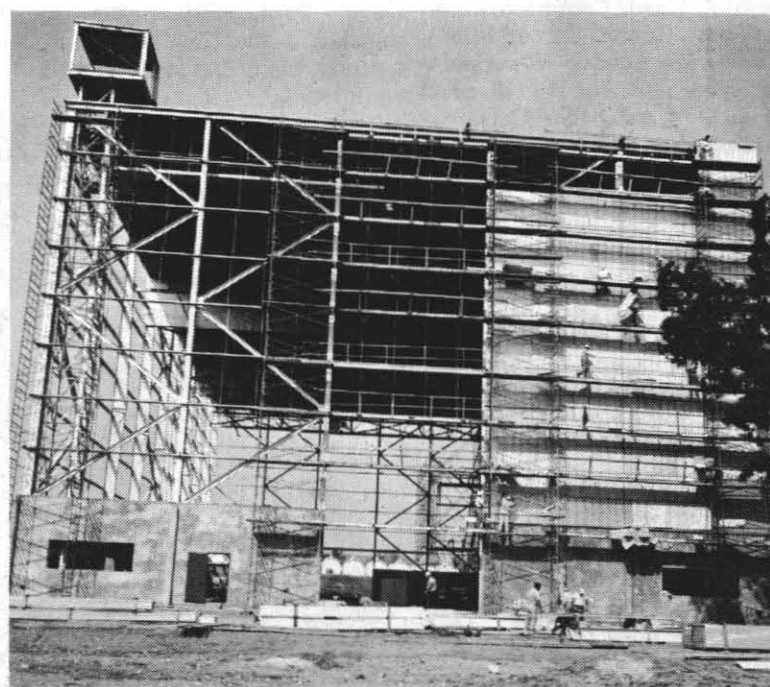
In the changeover, new prefix numbers for outside calls have been designated as follows: prefix "8" brings the Autovon tone, while prefix "9" opens to the Corona Exchange. Other direct dialing possible is: 7-1 to Riverside; 7-2 to China Lake (after December 1); 7-3 to Pomona, and 7-4 to Los Angeles.

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, Nov. 15.

## New Fuze Model Range Building



Construction on the new Fuze Model Range building at the Naval Weapons Center Corona Laboratories is well ahead of schedule, according to Sam Finch, Superintendent in Charge for Senks Construction Co., of Fontana.

"The contract calls for completion by the end of February," said Finch, "but it looks as if we are well ahead of the deadline. Good weather and top cooperation by all the parties involved have given impetus, and the work has gone at a rapid pace," he added. The new facility will permit accurate simulation of the encounter of guided missiles with their targets, at a fraction of the cost of field tests. Data on such simulated encounters will be used in optimizing the design of fuzes for Navy missiles.

The new range will add significantly to the capabilities of the NWC Corona Laboratories, which have already produced fuzes for the Navy's Terrier, Tartar, Talos, Sidewinder, Bullpup, Sparrow III, Shrike, Wall-eye, and Phoenix — most of which currently are in use in Viet Nam.

## Olaeta Basque Festival to Perform



**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, Mexico.

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 date.

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 assigned to the Rocketeer Office.

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

The China Lake Civic Concert Association is presenting the first concert of the 1967-68 season, the Olaeta Basque Festival, on Tuesday evening, 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 seven Basque provinces nestle on both sides of the Western Pyrenees in Spain and in France. The Basques live as they have for millennia: farming, sheep-herding, fishing, and celebrating feast days

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

As much a part of a Basque festival as its songs and dances 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 physical characteristics of the Basques is their agility. It is well represented in the national sport of jai alai, and it is equally 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 goblet, remains there poised on one foot for a few seconds, and then leaps off — without

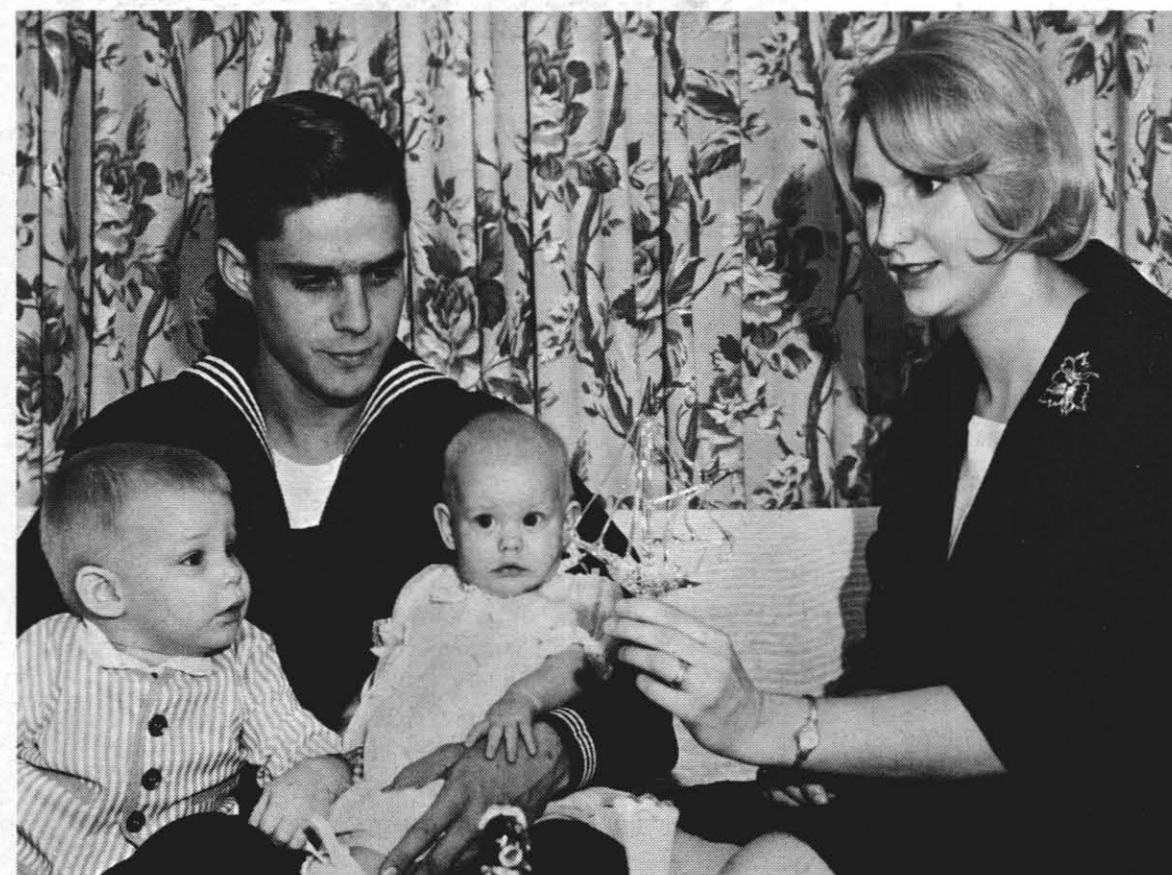
a drop of wine spilling! Although the Basque territory is small, a wealth of tradition has come from it. Performing in native costumes, the Olaeta Basque Festival expresses Basque culture in the rich variety, vigor and virility.

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 7:30 p.m. to concert time.

Persons buying single admission tickets, priced at \$3, \$4, and \$5, may apply this amount 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, ticket manager, at 73314.

## Dream Comes True for NAF's Carmen LaFata



**AMERICAN CITIZEN** — ADR-3 Carmen LaFata, 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, LaFata came to America in May, 1955. The LaFatas live at 1201-B Smith Road.

A Navy enlisted man assigned as a transport crewman to Naval Air Facility at China Lake realized a long-sought dream come true. ADR-3 Carmen LaFata, 23 years old and a native of Carini, Italy, became a naturalized American citizen recently when he raised his right hand during citizenship ceremonies held in Los 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 Christopher Green, NAF OMD Power Plant, who were his witnesses during the naturalization ceremony.

LaFata first stepped ashore on American soil in May, 1955, when he arrived from Carini, Italy, with his parents, Mr. and Mrs. Joseph LaFata, now residing in St. Louis, Missouri.

Graduating in June, 1964, from McClure High School, Florissant, Missouri, LaFata later enlisted in the Navy on October 26 and received training 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 LaFatas and their two children, Joey, 20-months-old, and Annie, 4 months, reside at 1201-B Smith Road at the China Lake Naval Weapons Center.

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