

## Desert Community Orchestra Sets Concert Sunday

The Desert Community Orchestra will perform a fall concert Sunday afternoon at the Burroughs High School Lecture Center. The concert is scheduled for 3 p.m.

Five major works are offered in the concert, which will be conducted by Gordon Trousdale, Director of Music for Cerro Coso Community College.

The program will open with the full orchestra in its interpretation of Brahms' "Academic Festival Overture." Subsequent selections will be Saint-Saens' "Algerian Suite" and Erik Satie's "Gymnopies," arranged for orchestra by Claude Debussy. The orchestra will then perform Prokofiev's "Classical Symphony" and will conclude the concert with "Variations on a Theme of Girolamo Frescobaldi" by Alexandre Tansman.

Two well-known local musicians will be featured in the concert. Linda Mikonis will be featured on the flute in the orchestra's rendition of the "Algerian Suite."

Miss Mikonis has played the flute since second grade, has played in the Burroughs High School Band, was an Arrowhead Camp scholarship recipient when she was a student at Murray School, and is presently a student at Cerro Coso Community College. She also plays the piccolo as a regular member of the Desert Community Orchestra.

Charles Humphreys of Ridgecrest will be featured in the many exposed solo passages for oboe in the "Classical Symphony." Humphreys, who is currently a foreign language teacher at Burroughs, has been a featured soloist with the orchestra on a number of occasions, and is well-known to local audiences.

Tickets for the concert may be purchased at the Lecture Center box office before the concert on Sunday. Single concert tickets are priced at \$2 for adults and \$1 for students or enlisted personnel. Season tickets for the three scheduled concerts of the 1973-74 season, are priced at \$1



CONCERTMASTER Andrew Victor practices for Sunday's concert, which features the string section in a number of important passages by well-known composers.

for students or enlisted personnel, \$5 for adults, and \$10 for a family. Contributing memberships are \$25 and commercial memberships are \$50.

The orchestra is supported cooperatively by the Desert Community Orchestra Association, Inc., and the Cerro Coso Community College. Additional information about the orchestra and its scheduled programs may be obtained from Mrs. Andrew J. Bergens, president of the orchestra association, at 375-8342, or through P.O. Box 5652, China Lake.

## SHOWBOAT

MOVIE RATINGS  
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.  
(G) - ALL AGES ADMITTED  
General Audiences  
(PG) - ALL AGES ADMITTED  
Parental Guidance Suggested  
(R) - RESTRICTED  
Under 17 requires accompanying Parent or Adult Guardian  
CS - Cinemascope  
STD - Standard Movie Screen  
Regular starting time - 7:30 p.m.  
Matinee - 1 p.m.

FRI. 16 NOV.

### "HELLO DOLLY" (146 Min.)

Barbra Streisand, Walter Matthau (Musical) Although short of cash, Cornelius (Michael Crawford) and Barnaby (Danny Lockin) spend a lavish evening on the town. Dolly (Barbra Streisand), an attractive widow, has her eye peeled towards enhancing her position by marrying Horace (Walter Matthau) while he is interested in Irene Molloy. (G)

SAT. 17 NOV.

### MATINEE -

### "THE MALTESE BIPPY" (91 Min.)

Dan Rowan, Dick Martin (G)

### EVENING -

### "THE MASTER TOUCH" (97 Min.)

Kirk Douglas, Florida Bolkan (Suspense) As the film opens Wallace (Kirk Douglas) is returning from his only and minor jail sentence. At home he finds Anna (Florida Bolkan), his wife who has waited patiently and faithfully. It appears on the surface that Wallace has decided to start a new life, however when someone offers him the possibility of a new "job", his passion for his former way of life is ignited. (PG)

SUN. 18 NOV.

### "I COULD NEVER HAVE SEX WITH ANY MAN WHO HAS SO LITTLE REGARD FOR MY HUSBAND"

Carmine Caridi, Cynthia Harris (Comedy) Two new couples in town are intrigued by a liberated couple who take Tuesday nights off with a different sex partner. (R)

MON. & TUES. 19-20 NOV.

### "BILLY JACK" (114 Min.)

Tom Laughlin, Delores Taylor (Western) Tom Laughlin as Billy Jack, half-breed ex-Green Beret, is a defender of wild horses, wild kids and the country he lives in and loves in Arizona. (PG)

WED. 21 NOV.

### "EMPEROR OF THE NORTH POLE"

Lee Marvin, Ernest Borgnine (Action Drama) In one of the greatest screen battles of all times, hobo Lee Marvin battles Ernest Borgnine atop a rolling freight train in a brutal knock down life and death confrontation. Violence and language are not suitable for children. (PG)

THURS. 22 NOV.

### "HITLER, THE LAST TEN DAYS"

Sir Alec Guinness, Simon Ward (Historical Drama) Events in the Fuehrerbunker in Berlin, in the final fateful days before the Russians advanced on the city. (PG)

FRI. 23 NOV.

### "THE ONLY GAME IN TOWN"

Elizbeth Taylor, Warren Beatty (PG)

FRI. 23 NOV.

### "THE ONLY GAME IN TOWN"

Elizbeth Taylor, Warren Beatty (PG)

### Band Set at COM

The Good Times band, led by Ronnie Thompson, will visit the Club Chaparral tonight from 9:30 until 1:30 in the morning to present music for dancing.

Patti Thompson will supply vocals for the group.

# Four Chosen To Receive Michelson Laboratories Awards

Highlight of the no-host reception held yesterday evening in honor of the Naval Weapons Center Advisory Board was the presentation of the Michelson Laboratories Awards to four distinguished NWC employees.

This is the seventh annual presentation of the Michelson Laboratories Awards, designed to recognize outstanding individual administrative and professional excellence or technical excellence.

The reception was held in the Mojave Room of the Commissioned Officers' Mess. Opening remarks and presentations of the awards by Leroy Riggs, Acting Technical Director, were followed by presentation of a gold key to each awardee by RADM. Paul E. Pugh, NWC Commander.

Each award consists of a certificate signed by the Commander and the Technical Director of the Naval Weapons Center and a gold key, engraved with the name of the recipient.

This year's awards were presented to Kenneth O. Bryant, Associate Head for Echo Range Operations of the Electronic Systems Department's Countermeasures Division; Amy E. Griffin, Senior Consultant for Anti-Ship Missile Defense in the Surface Missiles Department; William R.

Magorian, head of the Systems Techniques Branch in the Fuze Department's Advanced Systems Division, and Nicholas J. Schneider, Jr., Associate Head of the Avionics Division of the Weapons Development Department.

Kenneth O. Bryant  
Bryant received the Michelson Laboratories Award for his outstanding leadership contribution to the foreign threat development program.

When Bryant first came to NWC in 1955, he joined the Apprentice Program as an electronic mechanic. After completing the program and receiving an AA degree from Bakersfield College in 1959, he worked in the Instrument Development Division of the Test Department.

In his position as Associate Head for Surface Threat Development of the Electronics Systems Department's Countermeasures Division, Bryant's outstanding leadership and boundless energy was the key to the rapid growth of knowledge in the threat area.

Bryant has recently been appointed as Associate Head for Echo Range Operations and is frequently requested by top management to serve on task groups, design boards and Ad Hoc committees as the Center's threat simulator expert. The

Center is rapidly becoming known and respected as one of the leading authorities in this field.

Amy E. Griffin

Mrs. Griffin received the award last night for her outstanding technical management and leadership skills displayed in carrying out her duties as the Center's Technical Support Agent on the Anti-Ship Missile Defense (ASMD) Target Acquisition System.

Beginning her career with the government in 1942, Mrs. Griffin went to work as a Junior Physicist for the Bureau of Standards, Electrical Division, in Washington, D. C.

In 1946 she transferred to China Lake, where she first worked as a physicist in the Photographic Section, Experimental Operations Department.

Mrs. Griffin's recent contributions and achievements have been of immense value to the Center in its role as Lead Laboratory for ASMD.

She holds a BA degree in biology from Milwaukee-Downer College, and has also studied extensively in the fields of mathematics and engineering.

William R. Magorian

Magorian's award was earned for his outstanding individual effort and technical

excellence in the development of the pseudo-random noise (PN) modulated radar systems. These contributions in PN technology resulted in an advanced airborne radar that constitutes a major contribution to ordnance science.

In the summer of 1956, Magorian began his career with the government as an engineering aide at the Naval Ordnance Laboratory, Corona. Upon receiving his bachelor's degree in electrical engineering from the University of Nebraska, he returned to Corona, where he worked as an Electronic Scientist.

During the following 13 years in Corona, Magorian became an eminent authority in radar fuze technology.

Magorian came to China Lake in 1971 with the transfer of Corona functions to NWC, and since that time he has continued his high level of performance in the field of radar technology.

Nicholas J. Schneider, Jr.  
Schneider received the Michelson Laboratories Award for his outstanding effort and professional excellence in contributions to the technology of missile midcourse guidance systems. These contributions serve in furthering the mission of the Center and promoting its

(Continued on Page 3)

## CLOTA Production to Open During Holiday Season

A sparkling Neil Simon comedy, "Star-Spangled Girl" will adorn the early holiday season at the Burroughs High School Lecture Center Nov. 30, and Dec. 1, 7, and 8, when the Community Light Opera and Theater Association (CLOTA) presents its last production of this

theater season.

Directed by Alan Kubik, this comedy features three talented people, familiar to local audiences, in a laugh-filled situation. Two young men, one kooky, the other kookier, are played by John Hanna and Stacy MacGregor. They room

together and concentrate on putting out an underground protest magazine.

Then a star-spangled patriot, played by Shari Hamre, moved in next door. An Olympic swimmer, she is an advocate of the "My country, right or wrong"

philosophy.

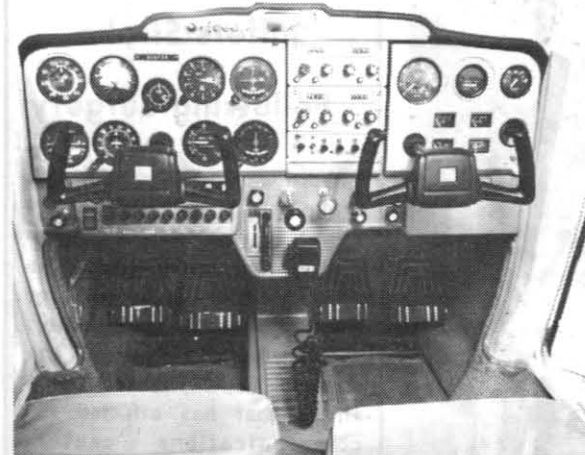
The resulting series of confrontations between these three young people gives author Simon plenty of chances to come up with the type of hilarious dialogue that he is famous for.

Since CLOTA is putting this show on during the Christmas party season, assistant director Eleanor Lotee suggests members of the audience plan theater parties. For further information on block seating at the play, she may be phoned at 446-4324.

Technical director Jim Fieser reports that construction on the set is proceeding well. A single-set show, "Star-Spangled Girl" will feature a wallpapered, down-at-the-heels San Francisco flat.

Season ticket holders are reminded that because this is an added attraction from CLOTA, their ticket stubs will admit them to the play. For other playgoers, tickets will be available from members of the cast and at the door for \$2.50 for adults and \$1.25 for children.

Among the plays to be offered next year by the local theater organization are "The Miracle Worker" to be directed by Gail Falkenberg, "Kismet" to be directed by Jim Fieser, and "Company" to be directed by Florence Green.



COME FLY WITH US — The China Lake Flying Club has recently updated the number and age of the club's aircraft. Kelly McDonough, right, invites prospective flyers to experience the fun of flying. Two two-place Cessna 150s, like the one piloted at top left by ROCKETEER photographer Dan Yeatts, two four-place Cessna Cardinals, and one T-34 are now available. The interior of the Cessna 150 instrument trainer is shown at bottom left. Six instructors are available to provide training for private pilots' licenses, instrument training, and commercial licenses. Presently, 29 students use the aircraft, including four women pilots. Persons wishing more information may call 446-4334, between 1 and 4 p.m. on weekdays.

—Photos by PH2 Dan Yeatts and PHAN Joe Dunn



## Award Winners

HONORED EMPLOYEES — Recipients of the Michelson Laboratories Awards were (from left), Kenneth O. Bryant, Amy E. Griffin, William R. Magorian and Nicholas J. Schneider, Jr. The awards were presented last night at a no-host reception honoring the NWC Advisory Board at the Commissioned Officers' Mess. Each of the honorees has made outstanding effort and attained professional excellence in his or her area of the Center's work.

## Center Appeal for Reappraisal Of Shelter Rates Wins Approval

Official word was received this week that the Center's appeal from new shelter rents has been approved.

The Center had requested in August of this year that a representative community or communities be used for comparability in lieu of using Ridgecrest only. It was also requested that incremental implementation of the new rates be authorized pending a decision on the reappraisal.

Fifty per cent of the new rates was authorized effective Oct. 1, 1973. An additional 25 per cent will

be applied effective Jan. 1, 1974. In the meantime, the Department of Defense has directed a reappraisal using Barstow, Lancaster, and Ridgecrest as comparable communities. This effort is to be based on current rental data and conducted in accordance with pertinent Office of Manpower and Budget, Dept. of Defense and Navy directives.

The reappraisal is to be expedited and the Commander, Naval Weapons Center, notified of any adjustments, if any, not later than Feb. 20, 1974 adjustments will be implemented on April 1, 1974.



## Management Philosophy Cited in Talk

Management philosophy as it relates to the support departments on the Center was reviewed by Rear Admiral Paul E. Pugh, NWC Commander, in a luncheon speech to Supply Department management personnel on Tuesday.

The Commander called examination of this subject "particularly timely" in view of the cost-cutting campaign now under way, the reorganization of

the technical areas, and the "recurring make-or-buy question."

### General Philosophy Outlined

RADM. Pugh's initial comments outlined the general philosophy of Center management toward the support sector. He emphasized that "there is no difference in Center management's attitudes toward the support and technical areas. . . We place the same value on efficient and economical per-

formance of assigned tasks. We expect the same kind of internal, departmental management. . . We expect the support people to have the same dedication to getting the product out that is demonstrated by the technical people," he added.

The admiral discussed problems of philosophical differences between support personnel and technical personnel, naming the biggest problem in that area as

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ADVISORY BOARD — Lined up for a portrait, the NWC Advisory Board pauses in the midst of a busy two-day visit here, yesterday and today. Executive sessions, briefings, and presentations are scheduled to help members observe the manner in which the Center contributes to the Navy's role in the nation's defense. Seated (l.-r.), are Leroy Riggs, NWC Acting Technical Director; RADM. Paul E. Pugh, NWC Commander; VADM. John T. Hayward, (Ret.), Vice President of the General Dynamics Corp.; Dr. James H. Wakelin, Jr., former Asst. Secretary of Commerce for Science and Technology, and Clarence L. "Kelly" Johnson, Senior Vice President and Member of the Board of Directors of the Lockheed Aircraft Corp. Standing (l.-r.) are Billy M. Horton, Technical Director of the Harry Diamond Laboratories; Dr. William H. Steier, Chairman of the Department of Electrical Engineering, Electrophysics, at USC; Dr. W. Dale Compton, Executive Director of the Ford Motor Co.'s Scientific Research Staff; Winfield E. Fromm, President of AIL, a Division of Culler-Hammer, Inc.; Dr. William B. McLean, Technical Director of the Naval Undersea Center, and Adm. Jackson D. Arnold (Ret.), former Chief of Naval Material. Not present for the portrait was Dr. Cornelius J. Pings, Vice President and Professor at the California Institute of Technology.

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**PERFECT DRIVING RECORD**—The Fire Division of the Security Department went through the entire past fiscal year with a perfect driving record—no vehicle accidents. Fire Chief Richard Rightmer (center) receives an award plaque from K.S. Skaar (right) head of the Safety Department as W.E. Davis, Director of Security, shows his approval. The award, representing a lot of careful driving under adverse conditions by the many drivers of Code 842, was presented to the Fire Division for the second year in a row by the Los Angeles Chapter of the National Safety Council. The Fleet Safety Contest, through which this award was won, is a competition among city fire departments in Southern California that have 11 vehicles or more.

## Most Center Facilities To Close for Thanksgiving

On Thanksgiving Day, this coming Thursday, all of the facilities and services on-Center will be closed with the exception of the following:

The golf course will be open from 7:30 a.m. until sunset; Hall Memorial Lanes will operate from 11 a.m. until 11 p.m.; and the

Center Theater will be open for its regular hours.

Facilities to be closed on Thanksgiving include the barber shop, the beauty shop, the child care center, the laundry, the pharmacy, the service station, and the supermarket, and all other Special Services' shops.

## The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake, California

Adm. Paul E. Pugh

NWC Commander

Leroy Riggs

Acting Technical Director

C. E. Van Hagan

Head

Technical Information Department

Staff Photographers

DEADLINES:

News Stories: Tuesday, 4:30 p.m.

Photographs: Tuesday, 11:30 a.m.

The Rocketeer receives American Forces Press Service material. All are official U.S. Navy photos unless otherwise identified. Printed weekly with appropriated funds by a commercial firm in compliance with NavExOS P35, revised July 1972. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

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## PROMOTIONAL OPPORTUNITIES

Applications for positions listed in this column will be accepted from current NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Weapons Center may contact the Employment Division, Code 452, Extension 2049. Current applications (SF-171) or Standard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the last 6 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Travel Clerk GS-2132-7/4, PD No. 7355014, Code 8517—This position is located in the Travel and Transportation Branch of the Command Administration Department. Duties include arranging travel by a variety of routes and carriers, screening travel requests and travel orders, estimating per diem, mileage and transportation costs, etc. Job Relevant Criteria: Ability to type, but not required to be qualified typist; ability to meet and deal with the public; ability to comprehend and use various travel guidelines such as Joint Travel Regulations, Passenger Traffic Management Instructions, Official Airline guides, etc. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Promotion Potential: Travel Clerk, GS-5.

Clerk - DMT, GS-316-4/4, PD No. 7160025, Code 6002—The position is located in the Research Department Staff Office. The incumbent provides clerical, typing and related services to specialists of the Department Staff and for various senior scientists of the department. Incumbent will act as the department's Beneficial Suggestion Representative; prepare and maintain all incentive awards program material; and perform all duties as the Department Personnel Clerk. Job Relevant Criteria: Must be a qualified typist and qualified Dictating Machine Transcriber; ability to deal effectively with people and ability to work independently. Promotion Potential: The position as it currently exists has promotion potential to GS-4, however subject to a potential organizational realignment the position may have potential to the GS-5. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

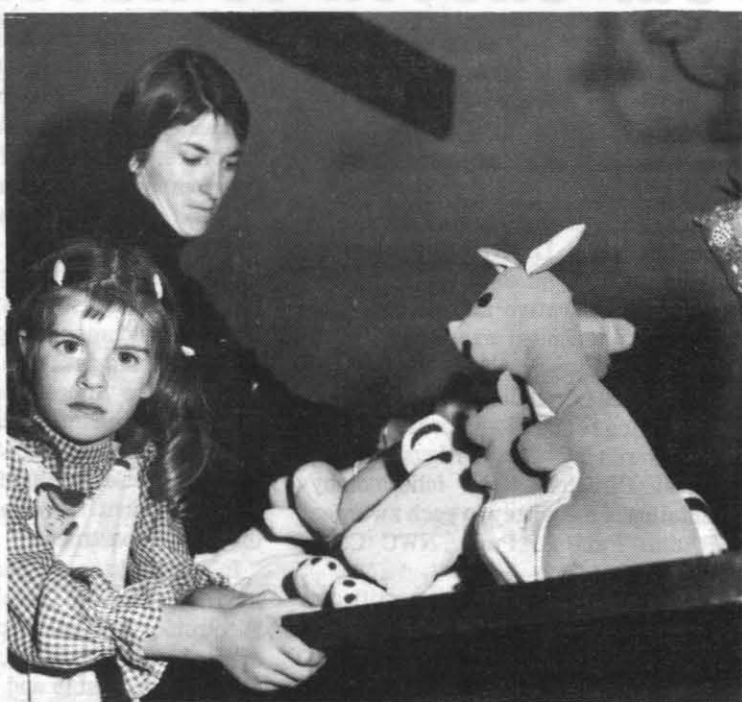
File applications for above with Tina Lowe, Bldg. 34, Rm. 204, Ph. 2723. Accounts Maintenance Clerk, GS-3, 4 or 5, PD No. 7117091, Code 7462—Receives and processes purchase orders, verifies outstanding vouchers and outstanding accounts payable for assigned segments of accounts. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Knowledge of accounting clerical methods and procedures.

File application for above with Elizabeth Sederberg, Bldg. 34, Rm. 204, Ph. 2723. Contract and Industrial Specialist, GS-1101-12, PD No. 7355138, Code 5581—Position is located in Production Support Branch, Products Assurance Division of the Engineering Department. Incumbent is the central materials/services acquisition administrator for large procurement and engineering Department and local Contract Technical Coordinator. Duties include preparation of procurement request, review of contracts, acceptance, contract changes, delivery changes, financial changes. Consults on advanced Procurement plans, reviews, investigates and provides advice on contractor claims on problems resulting from contract. Job Relevant Criteria: Experience in materials/services acquisition in weapons systems hardware and support services. Knowledge in Armed Services and Navy Procurement Instructions and processes including technical work statement composition, technical data requirements, contract liaison, negotiation experience. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Supv. Electronics Technician, GS-856-12, PD No. 75154M2, Code 5512—Applications will be accepted from current NWC career or career conditional employees only. Position is that of Head, Prototype Developments and Packaging Section, Electronics Prototype Branch, Environmental Standards Division of the Engineering Department. Duties include development of test package and documentation, making recommendations on alternative component selection and circuit design changes, failure analysis, development of test equipment, Support Equipment Changes (SEC), and general administrative duties of the Branch. Job Relevant Criteria: Experience in guided missile and ordnance electronics. Experience in electronic production techniques including packaging and construction of electronic hardware. Experience in printed circuit etching and plating techniques and processes. Supervisor experience preferred. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Administrative Officer, GS-341-7/11, PD No. 7355139, Code 553—Applications will be accepted from current NWC career or career conditional employees only. Position is located in Electromechanical Division of Engineering Department. Incumbent is Staff Assistant to the Division Head. Duties include personnel

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**PREPARING FOR BAZAAR**—Women of the United Ridgecrest Community Methodist Church have been busy with preparations for their part in the WACOM Bazaar, which is coming up on Nov. 16 and 17 at the Community Center. Shown stuffing patchwork animals and "Winnie the Pooh" characters are Susan Archibald, Santa's little helper, and Allene Archibald. —Photo by PH3 Jerry Sizemore

## WACOM Bazaar Set Today, Tomorrow At Community Center

A concentrated effort by 21 local service organizations promises to make the 1973 Christmas Bazaar, sponsored by the Women's Auxiliary of the Commissioned Officers' Mess (WACOM), even better than last year's event.

The Community Center will be transformed into a colorful "Santa's Village" of red and white booths today and tomorrow, when the bazaar is scheduled to take place.

This special event will get underway at 10 a.m. on Nov. 16 with a ribbon-cutting ceremony at which Santa and Susan Runo, 1972 Miss Ridgecrest/China Lake, will officiate. The bazaar will remain open until 8 p.m. on Friday and until 4 p.m. on Saturday.

Among the participating organizations whose members will man booths is the Oasis Garden Club. At the garden clubbers' "Hoe, Hoe, Hoe Shoppe," potted plants, pipe-cone ornaments, granny square hats and poinsettias will be offered for sale.

At another booth, the Indian Wells Valley Council for Retarded Children will have a variety of Christmas cards made by retarded children at Porterville Hospital for sale at "Ye Card Shoppe."

The Murray Music Parents' Club will cater to the "sweet tooth" shopper at "Ye Confectioners'" booth, where home-made candies will be sold. The United Methodist Women will operate a "Toys 'n' Trim" booth at which tree trimmings, "Pooh" animals and small stuffed animals, made by local members, will be on sale.

The Military Wives of NWC will operate the "Military Wives' Mercantile" booth where pickles, cheese, ponchos, patchwork aprons, quilted hot pads, bookends and gingerbread houses will be offered for sale.

Two local chapters of Beta Sigma Phi, supporting various charities, will participate this year. They are Chi Alpha at the "Busy Bee" booth and Alpha Alpha Psi in "Santa's Boutique."

There will be no "Santa's Photoland" this year, so parents wishing pictures of their children with Santa will have to bring their own cameras.

Other organizations participating in the bazaar are:

American Association of University Women, Burroughs Band Boosters, American Field Service, Indian Wells Valley Nurses' Club, Protestant Women of the Chapel—China Lake, Navy Wives' Club, Maturango Museum, Children's Hospital, Children's Home Society Roadrunner Auxiliary, Home Economics Club, Desert Planters, St. Michael Episcopal Church Women and the Indian Wells Valley Newcomers Club.

## Opportunities...

(Continued from Page 2)

assistance, space and facility requirements, procurements, budget requirement, general Division planning and reporting assistance. Job Relevant Criteria: Knowledge of management principles and administrative practices. Experience in budget and procurement. Familiarity with personnel requirements. Experience with analysis and the preparation of reports. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

Electronics Technician, GS-856-9, PD No. 7355140, Code 5511—Applications will be accepted from current NWC career or career conditional employees only. Position is in the Standard Calibrations Branch, Environmental Standards Division of the Engineering Department. Duties include calibration, repair and inspection of electronic test instruments operating from DC to RF frequencies, microwave calibration and laboratory standards maintenance. Various equipment used are oscilloscopes and reflectometry systems, attenuators, swept frequency systems, ammeters. Job Relevant Criteria: Knowledge of electronic theory and mathematics. Experience in calibration lab work and familiarity with the Navy's Calibration Program. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Wilma Smith, Bldg. 35, Rm. 204, Ext. 2925. Clerk-Typist, GS-322-3 or 4, PD No. 7245107, Code 4512—Incumbent types technical reports, technical notes and other correspondence (official letters and memoranda) generated in the Division. Technical reports are typed from handwritten copy or transcribed from a Dictaphone. Will perform secretarial and clerical duties for the branch. Minimum Qualification Requirements: As stated in X-118. Job Relevant Criteria: Proficiency in the use of dictating machine and IBM Magnetic Tape Selectric Typewriter is desirable.

Supervisory Motion Picture Production Specialist, GS-1071-12 or 13, PD No. 4975007, Code 532—This position is that of Head, Presentations Development Branch, Presentations Division, TID. Responsible for the production of multi-media presentations, including the "Highlights of NWC Technical Programs." Directs the Branch in the development of slide, filmstrips, and chart presentations for top management and project personnel. Provides audio-visual support in the form of materials, equipment, consultation and personnel to aid top management in presenting the work of the Center to others. Minimum Qualification Requirements: As defined in X-118. Job Relevant Criteria: Experience in the development of multi-media presentation and other effective audio-visual presentations of R & D material. Writing, producing and directing audiovisual presentations. Academic training in the audio, visual and written communications arts is desirable.

Mechanical or Aerospace Engineer, GS-7 through 12, Code 4572—The function of this group is to ensure the structural integrity of components and systems being developed within the department. Incumbent will perform work in one or more of the following areas: structural design, mass properties and influence characteristics, rigid and flexible body loads, static and dynamic stress analysis, structural testing, and materials engineering. Work will include the responsibility for the planning and coordinating the fiscal and technical aspects of his assignments and for the technical liaison with both on and off Center activities. Job Relevant Criteria: (1) Experience in structural analysis of missile systems, sub-systems and components. (2) Experience in stress analysis desirable. (3) Ability to formulate and/or use computer programs desirable. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

File applications for above with Mary Morrison, Code 457, Rm. 216, Ph. 2993. Equipment Specialist (Ordnance), GS-1670-5/7, PD No. 7325034, Code 3552—This position is located in the Ordnance Control Branch, Ordnance Division, Supply Department. Incumbent applies intensive knowledge of uses, characteristics and properties of ordnance material to assist engineers and technicians requiring ordnance items. Assists in determining ordnance material needed for project tests and experiments. Supervises preparation and submission of requisitions for non-standard items required for tests; coordinates and obtains proper clearances for shipment of ordnance items. Provides technical information pertaining to packaging, handling and marking of ordnance items for shipment. Coordinates the movement of ordnance materials; reviews ordnance and ammunition inventories and arranges for excess disposition. Minimum Qualification Requirements: As defined in CSC Handbook X-118.

## Grad Records Exam

The Graduate Records Exam will be administered at NWC on Dec. 8, 1973. Through special arrangements with the Berkeley Testing Office, the regular November deadline for filing for that date has been waived.

Anyone wishing to take the exam in December should pick up information packets at the Training Center as soon as possible.

## Employee In The Spotlight

When Tom Griffith was discharged from the Army Air Corps in 1945, he could have gone back to the family farm in Indiana and driven a tractor.

"Sometimes, I think I should have," he said. But he didn't. Instead, he became a glass blower and joined an elite group of people who, according to him, "... are never unemployed."

"There's not too many of us," Tom pointed out. "Even in the larger firms, apprentices aren't brought in until one of the old-timers gets ready to retire."

Tom is proud of his glass blowing background. Because of his unique skill, he has been in on the ground floor of this country's entrance into the Atomic Age. It's a long way from a little farm in Lewis Township of Indiana to the DuPont Chemical Company's hydrogen bomb plant in South Carolina.

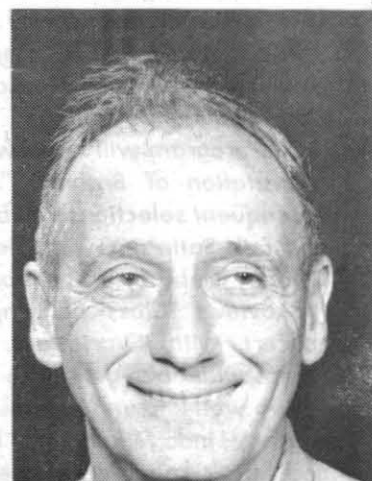
Born in Coalmont, Ind., Tom received his early education from Lewis Township High School. After briefly attending Indiana State Teacher's College Tom joined the Army Air Corps after the outbreak of World War II.

He spent nearly his entire military enlistment teaching communications and wound up his service career in Las Vegas, Nev., as an instructor at gunnery school.

He went to work in Richland, Va., for the Hanford Atomic Energy Works, operated by the DuPont Chemical Co., as a lab technician, then entered the apprenticeship program for glass blowing. That was in 1949.

He stayed with Hanford until September 1951 when he was transferred to DuPont's Savannah River Plant, Aiken, S. Car. "That's where the guts to the hydrogen bomb were manufactured," Tom said. He was a research glass blower, a field he has continued in to this day.

"Very few people have had the opportunity to work with the scientists that developed the atomic and hydrogen bombs," he pointed out. "For that was an exciting time; research was innovative and unstylized, and one never knew what was going to happen next. I find the same kind of atmosphere here at NWC," he added.



Thomas Griffith

He's often called upon to innovate some form of research glass and Tom likes responding to that type of challenge.

He came to work at NWC in June 1972 from General Motors' plant in Santa Barbara.

In his spare time, when he's not working on renovating his home in Santa Barbara, Tom often blows glass figurines—swans, Disney figures, horses, Christmas tree ornaments. Sometimes he sells these at bazaars and school functions.

According to Tom, glass blowing is a combination of equally skilled hands and eyes. "Breath control has very little to do with it," he said.

Tom's wife, Mary, grew up on an Indiana farm and she and Tom knew one another through all their childhood years. "However, neither of us would give the other the time of day until after I got out of the service," he said. Mary is the accounting supervisor for Santa Barbara City College, the city where the Griffiths make their home. "I'm a weekend commuter," Tom smiled.

A do-it-yourselfer, Tom keeps busy on the old ranch house the couple purchased. They have three children—Thomas R., who is the operations manager of Ojai (Calif.) State Bank, Sharon, who works for Mid State Bank, at San Luis Obispo, and Pamela, a sophomore at Santa Barbara CC.

## Capt. A.E. May

## Suffers Stroke

## Following Surgery

Word was received this week that Capt. Allan E. May, USN (Ret.), former Deputy Commander of the Center, has recently undergone surgery for a non-malignant brain tumor. Two days following the surgery, Capt. May suffered a stroke that has affected his communications center. However, it was indicated that this situation is temporary and a full recovery is expected.

Capt. May served at the Center from November 1970 to June 1972, and retired from active duty following the tour. The Mays presently live at 5761 Breton Way, San Diego.



**REENLISTS FOR FOUR**—AOC E.E. Carver, head of the Aviation Ordnance shop at VX-5, is shown being reenlisted by Capt. E.M. Crow, Commanding Officer of the squadron. Chief Carver, a 24 year veteran of the U.S. Navy, signed on for another four years. He came to NWC in October 1971.

As defined in the CSC Handbook X-118. Job Relevant Criteria: Practical knowledge of the characteristics, properties and uses of ordnance material. Knowledge of safety factors in handling ammunition and explosives. Ability to work in an advisory capacity with engineers and technicians. Basic knowledge of supply operations (inventory control, shipping, disposal, packaging).

Purchasing Agent, GS-1105-5/6/7, PD No. 7025011, 7025012-10, 7025017-4—Incumbent is responsible for a wide range of purchases of standard commercial items and services as well as some technical items. Quotations or offers are generally solicited by telephone. Incumbent is responsible to assure that the contract file contain adequate documentation to justify his purchase actions. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Must be knowledgeable in all small purchase methods and the basic techniques of formal contracting. Ability to deal with a wide variety of persons, establishing and maintaining good relationships.

File applications for the above with Claire Lewis, Bldg. 34, Rm. 212, Ext. 2377.

Supervisory Photographer (Scientific and Technical), GS-1060-11, PD No. 7130018, Code 5132—This position is Head, Camera Group of the Photo Laboratory Branch, Systems Development Department. The group provides a wide variety of still and motion picture camera coverage for the Center. Group also provides still color and black and white processing service, using mechanized and hand processing techniques for the Center. Incumbent is responsible for supervising and directing personnel of the group in their work efforts. Minimum Qualification Requirements: As defined in CSC Handbook X-118. Job Relevant Criteria: Experience in supervising and directing work of photographers. Knowledge of photographic equipment typical of a large photographic lab. Ability to plan photographic assignments and to adapt photographic equipment to meet the required objectives.

Electronics Technician, GS-856-7 to 11, Code 5154, PD No. 7351125—This position is located in the Seeker Systems Branch, Guidance and Control Division, Systems Development



**LAST CHANCE TO GIVE**—These children are lined up at a mobile screening unit used throughout Kern County by the Kern County Heart Association to screen all fourth grade students for unknown heart disease and for high blood pressure. Contributions of NWC employees through their Combined Federal Campaign keymen make this and other beneficial programs possible. Next Monday is the last chance to give to the 1973 Combined Federal Campaign—contact your keyman now!



## Dick Boyd Shares Spot As 'Athlete of Month'

A self-termed "tennis freak," Dick Boyd shares "Athlete of the Month" honors for November with Marla McBride (featured in last week's *ROCKETEER*). Boyd was men's singles champ in the recently concluded China Lake Tennis Club fall tournament—a feat he has also accomplished several times in past years.

Other sports this fine tennis player participates in from time to time are snow skiing and water skiing. "I used to swim a lot too," Boyd said, "but tennis is my big interest now. I often play on my noon hours and after work."

A tennis player since the age of 11, Boyd often went to Griffith Park in Los Angeles to use the courts there when he was growing up in Eagle Rock.

In 1946, his family moved to San

China Lake team at the MDISL tournament that year. "This year's showing in the MDISL tournament illustrates the recent progress of tennis here," he said. "Our people won the tournament this year with something like 19 out of a possible 22 points."

"Tennis is really big now, but I wouldn't encourage any more tennis players," he joked. "The courts are getting too crowded!"

Boyd is head of the Avionics Division of the Weapons Development Department. He and his wife, Bernice, have two children—Dave, who is in high school, and Carol, an eighth grader.

## Favorites Set In Women's Cage League Practice

If the practice games are any indication, the teams to watch in the Women's Basketball league are Loewen's, the NAF Hustlers and the Zingbats.

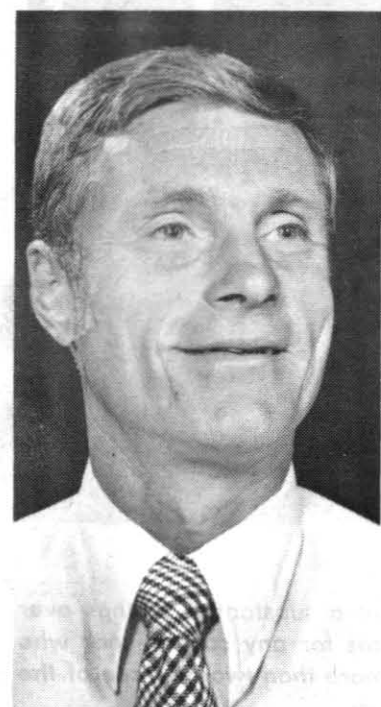
The season opened Monday with three practice games in the station gym. The NAF Hustlers met the Wildcats in the first contest. The Hustlers emerged the 23-19 victors. Gail Falkenberg led the Hustlers with six field goals. Elena Vitale finished play with nine points for NAF. Wildcat Elaine Mickelson was high point winner with a total of eight.

Judy Baker scored the most Loewen's points with 24 against T.J. Frisbee's team in the next game.

Frisbee's scoring was evenly distributed among Charlotte Swedblom, Ginger Hamaty and Evens.

The Zingbats beat the Raiders 23-10 in the nine o'clock game. Carol Hanson made four field goals for the Zingbats while Marla McBride scored six points. Raider scoring was even.

There will be two more Monday night sessions of practice games with the serious season opening Dec. 3.



Dick Boyd

Bernardino, and in 1951, Boyd hired on at China Lake. "I played a little when I first came here but tennis was not very big at China Lake at that time, so I quit for about 10 years," Boyd said. "The last 5 or 6 years I have been playing pretty consistently."

"The whole level of tennis has come up here recently," he continued. "I'm playing better than I've ever played in my life and finding it harder to win."

Honored as Athlete of the Month in June, 1970, Boyd remembers having been instrumental in securing second place for the

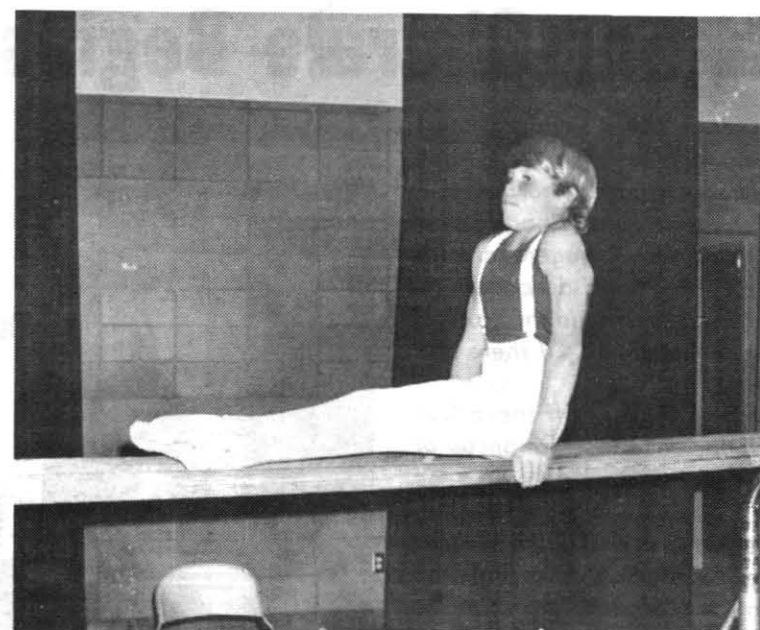
## Swim Classes For Tots Planned

Another series of swim classes for tiny tots will be held at the Center gymnasium's pool, beginning on Nov. 26.

The eight-class course will be held on Monday mornings according to the following schedule: 9 to 9:30 a.m., for tots 6 to 17 mos. old; 9:30 to 10 a.m. for youngsters aged 1½ to 2½ yrs., and 10 to 10:30 a.m. for those from 3 to 5 years of age.

A registration fee of \$4 will be charged. Registration is now being held at the gymnasium office.

Other instruction  
Classes for women's beginners, advanced beginners and intermediate swimmers will be held on Monday evenings at the pool, beginning on Dec. 10. A registration fee of \$8 will be charged. Registrations are being held at the gym office.



**GYMNASTICS SHOW**—Chris Lockwood performs an L Press on the parallel bars, as he rehearses his routine for a gymnastics show, involving many local youngsters. With two enthusiastically received performances behind him, the young people participating in the Burroughs High School Gymnastics Club and the Ridgecrest Recreation Department are giving their last performance of "Through Children's Eyes" this Saturday evening. This spectacular gymnastics show will begin at 7:30 p.m. in the Burroughs High School Lecture Center. An overflow crowd is expected, so come early.

—Photo by Don Lockwood

## Burros' Football Season On the Line Tonight

The Burros will put it all on the line tonight at 8 o'clock when they will meet an undefeated Antelope Valley team for the Golden League football title and a berth at CIF.

Both teams are sporting a 6-0 league record. However, on the basis of past performances against the other teams in the league, the 'Lopes figure to be the strongest team by a slight margin.

Coming off a game against Kennedy High School, labeled by head coach Bruce Bernhardt as "terrible," the Burros will be hard-pressed to keep their season record unblemished.

However, Bernhardt is optimistic. "The kids know what they're up against and they are prepared for it," he said.

The Burros should do well. Once again, the Blanche brothers figured prominently in the victory. The Kennedy Spartans contained Amos Blanche to only 60 yds. on 20 carries, but little brother Steve

smashed out 173 yds. in only 13 carries, an average of better than 13 yds. per try.

The saving factor for the Burroughs' offense is the number of people with ability to score. Kevin Smith, Jim Lillywhite, Rick Lovern, Bob Becroft and Mark McDowell are all scoring threats, in addition to the Blanche combo.

The key tonight will be defense. The Burros defense squad has been hard put to hold down their last two opponents. However, Bruce Zagala is well and will be in the starting lineup tonight, and that can only help.

The game will be held at Burroughs Stadium, 8 o'clock.

## Lions Upset By NAF Officers In Hoop Opener

The NAF Officers upset favored Loewen's Lions in the opening game of the Intramural Basketball League's Division A this past Tuesday night.

Sparked by accurate shooting and few misses from the outside, the Officers dumped the Lions, 72-59.

High scorers for NAF were Gary Pottier, 18, Ron Black, 15, and Greg Moore, 10. Loewen's shot-makers were Garry Clark, 19, Scott Shacklett, 16, and Tom Chapman, 10.

In Division B competition, the Dispensary outscored the Outlaws, 52-32. Gary Pikka was high scorer for the Docs with 24 points. Art Duke sank 12 tallies for the Outlaws.

The Gas Bags of Division C started the season off right by defeating the Kohoutek cagers, 28-25.

Intramural hoop play is held each Tuesday, Wednesday and Thursday evenings at 6:15, 8 and 9:30 o'clock.

—Photo by PHAN J.R. Dunn



By Jack Lindsey

Last Saturday while watching ABC's Wide World of Sports, I had the dubious pleasure of witnessing another violent testimony to the decadence of the American way of life.

A destruction derby featuring new and near new automobiles being demolished was held at the Los Angeles Coliseum some weeks ago and televised this past week. Literally being pounded to pieces on the floor of the Coliseum were a Continental Mark IV, a Cadillac Eldorado, a Rolls Royce, a Mercury station wagon, and other autos no more than one or two years old. Some of the cars were right off the showroom floor.

Also on the same program was a pyramid jump over 50 cars on a motorcycle by one Evel Knievel—who has to rank as either the bravest man in the world, or the dumbest.

There is nothing exciting about a man jumping a motorcycle over a heap of cars—unless, of course, the audience anticipates his missing the feat. Even the ABC directors ran footage of Knievel missing in other jumps, showing the spectacular falls that have happened to him in the past, and listing, as a footnote, how many arms, legs, and other bones were broken in those attempts.

Combined with the wanton destruction of the new motor cars, all that the show at the modern-day Coliseum needed were the lions and the Christians.

It's been said that Americans are a violent race of people, and I have to agree. When the ancient Greeks first began athletic competition centuries ago with the Olympic Games, the purpose was to meet on friendly ground to engage in sports that usually were won by the swiftest and the strongest.

Look what that principle has evolved into in our age. Violent sports are common—roller derbies, destruction derbies, ice hockey, auto racing, boxing, even motorcyclists defying death through fantastic leaps over obstacles.

Perhaps as we enter the age of the spectacle once again, we should be aware of what happened to that ancient Rome, where the blood-lusting populace was kept fat and sassy with arenas filled by gladiators and lions devouring Christians.

Rome became a victim of its own excesses. There should be a moral there, and I believe it's buried beneath the wreckage and carnage of the new automobiles on the grass of the Coliseum floor.

## Marines Celebrate 198th Birthday



A dinner-dance was held in the Community Center last Saturday to celebrate the 198th anniversary of the founding of the United States Marine Corps. At left, Rear Admiral Paul E. Pugh, NWC Commander, is shown greeting Maj. Bing Schermerhorn, USMC, Ret., who was the oldest Marine present. In the foreground is Cpl. M. L. Flood, 21, the youngest Marine who attended the ball. RAdm. Pugh, who was the honored guest, is shown below tasting the cake baked especially for the celebration. Col. E. D. Smith, USMC Liaison Officer, watches.



## Awards...

(Continued from Page 1)

efforts.

After he received his BS degree in electrical engineering in 1958 from Washington University in St. Louis, Mo., Schneider came to work at China Lake as an electronic engineer under the Professional Development Program for Junior Scientists and Engineers.

Schneider was instrumental in initiating at NWC and within the Navy the study of strapdown inertial midcourse guidance systems for high-speed, long and medium-range air, surface, and subsurface launched missiles.

He has become a nationally known expert in this field and is consulted by numerous government agencies.

He has also made significant contributions to the Air Force's analysis of its Maneuvering Re-entry Vehicle, to the Navy's Project Seabed Study, to Sea Lance (an adaptation of the Army's Lance Missile for ship-launched shore bombardment), and to the NOTS Miniature Platform, the smallest known conventional inertial platform at the time.

In 1966 Schneider received a Master of Science degree.



**WHATTA ROCK**—Visitors to the 17th annual Indian Wells Valley Gem and Mineral Show gaze in wonder at a few of the many displays featured in the show. Slide presentations, lectures, and field trips were also scheduled in the two-day event. Held Nov. 3 and 4 in the Community Center, the show attracted over 1,250 visitors from all over Southern California.

## Support Groups Discussed

(Continued from Page 1)

motivation. "We would like our support people to have the same motivation as the technical people," he said. He made a plea with those present to work on understanding the problems of the technical people. "In turn," he pledged, "I'll work on the technical guys to understand your problems."

**Overhead Cuts Necessary**

RAdm. Pugh commented on the cost-cutting campaign, which, he said, "is directed at eliminating a variety of identifiable, end-product items—things that we can control—regardless of whether the costs are incurred in the overhead sector, or are charged directly to project work."

"This is a highly necessary program," he stated. "I anticipate that the laboratories will be under increasing Headquarters pressure to cut costs, and our program in this area is going to have to continue and expand. But I'll affirm once again that the effort is not directed at support departments alone. All elements of the Center will be contributing their share of cost savings, and gambits such as shifting charges over to the direct side will not be viewed with favor," he added.

**Reorganization Discussed**  
The Commander commented on "the massive restructuring of the technical community," adding that, "we do not presently have any plans for significant reorganization in the support areas."

Future reorganization or consolidations, he emphasized, "will be evaluated entirely on their own separate merits."

Stating that "there is no basic policy dedication to centralizing things," RAdm. Pugh continued, "Rather there's simply a pragmatic attitude. The idea is to look at any given function, analyze it, and do it whichever way appears most suitable in terms of getting the Center's product out."

Contracting Philosophy Reviewed  
Summarizing the Center's philosophy on contracting with "the well-known phrase to the effect that we cannot contract out our thinking," RAdm. Pugh stated

that the most suitable sorts of contracting functions are "commonly called commercial/industrial" and "should, in fact, be contracted, provided that private-sector services are available and provided that contracting is advantageous to the Government in a cost sense."

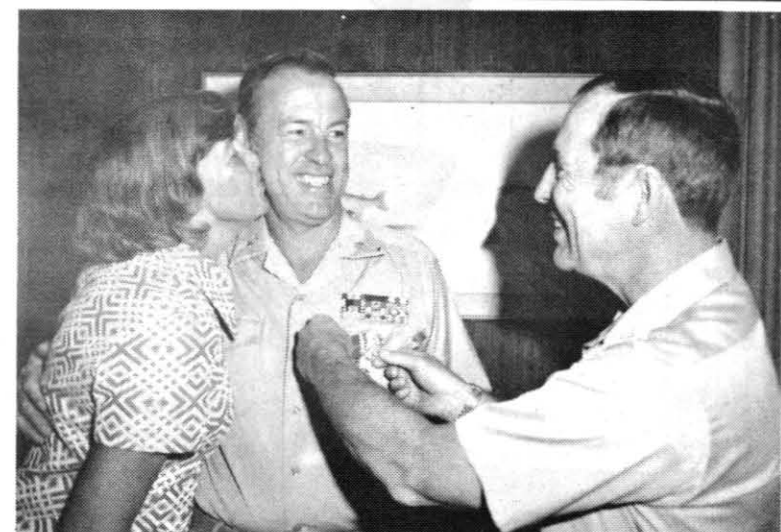
Functions of a management or staff nature, involving activities that cannot be delegated out of house, cannot be contracted, he pointed out. When it becomes apparent that advantages will accrue to the Government by contracting out a specific function, the admiral continued, "we try to see it coming in advance; we work things out with the people involved; we seek to minimize the impact by living with planned attrition and normal retirements of affected people; we work to phase in the contractor in stages."

"I do not see in the near future any significant contracting-out actions that would have any major effect on you," he told his audience.

**Dedication to Mission Stressed**  
In conclusion, RAdm. Pugh stressed again that "our philosophy is the same for the support sectors as it is for the technical community. We expect the same kind of performance and the same dedication to the NWC mission."

None of management's actions in the areas discussed are intended in any way to impact the support structure specifically, to the exclusion of the technical community, RAdm. Pugh stated. "Rather," he concluded, "these actions are across the board and have as their objective not any sort of planned shift in the balance between support and technical work, but are intended solely to enhance the Center's total efficiency and mission capability."

**Other Business**  
In other business at the Supply management luncheon, Lyl Viers, head of the Data Processing Branch, mentioned the Energy Environment Simulator game to be played at a workshop coming to the Burroughs High School Lecture Center on the evening of Dec. 3. He urged all present to educate themselves on the energy crisis by attending this workshop.



**HONORED BY PRESIDENT**—LCDR. E. W. Brooks, Assistant Technical Officer (Surface), beams proudly as Rear Admiral Paul E. Pugh, NWC Commander, affixes the Meritorious Service Medal to his breast. His wife, Helen, busses him for the accomplishment. In a citation signed by Admiral E. R. Zumwalt, Jr., Chief of Naval Operations, for President Nixon, LCDR. Brooks was said to possess outstanding leadership, judgment and to show inspirational devotion to duty during a tour aboard the USNS Taluga from July 1972 to June 1973. The citation read, in part: "...For outstanding meritorious service as Officer in Charge, COMSOPAC Area Military Department, USNS Taluga during CHARGER LOG II..." It read further, "...he exhibited the nicest blend of strong leadership and tact...under the pressures of time, new procedures, new personnel, and beset with uncertainty about his future with an untested merchant crew..."



## D'anne Garretson Wins Miss Ridgecrest-China Lake



In the photo above Judy Landreth, Mistress of Ceremonies, shows the style and form that won her the Miss Redlands of 1970 title. Center, above, D'anne Garretson beams after being selected as Miss Ridgecrest / China Lake.



Above, Tracy Hill gave the audience an insight into things to come as she sang her rendition of "One Tin Soldier." She is the daughter of Mr. and Mrs. John Hill. Left, Chris Hooper, who finished third runner-up, performs on the beam.



Queen D'anne is shown at the piano.

Photos By Dan Yeatts and Bill Brooks



OVERCOME by emotion, Queen D'anne takes a long walk on the ramp.



The new Miss Ridgecrest / China Lake poses with the runners-up. They are (middle row), Mary Kay Wilson, 2nd runner-up, and Julie Beck, 1st runner-up. In front are Kelly McDonough, who finished fourth runner-up (l.), and Chris Hooper, third runner-up. Phyllis Henderson (not shown) won the Miss Congeniality award.

## Roger Wagner Chorale Begins Concert Season

The 1973-74 season of the China Lake Civic Concert Association will open on Tuesday evening, Nov. 27, in the Center Theater, with a concert by the famed Roger Wagner Chorale.

Local concert-goers who saw the Roger Wagner Chorale in a 1966 appearance here are awaiting this return engagement with pleasure. The Roger Wagner Chorale has been described by conductor Leopold Stowkowski as "second to none in the world." A Los Angeles critic goes even further, exclaiming, "If there are better choruses, they must be in Heaven."

A varied selection of musical numbers will set off these fine voices, known throughout the world for vocal performances of the utmost clarity, expressiveness, and beauty.

This and subsequent concerts will begin promptly at 8 p.m. Music-lovers are asked to make an effort to arrive at the theater well in advance of the performance in order not to disturb the performers and the audience during the concert.

Founder and director of the Chorale, Wagner was born in France but spent most of his formative years in Los Angeles. Upon reaching adulthood, he returned to France, where he spent five years in Paris studying with the distinguished organist, Marcel Dupre. Wagner completed his undergraduate work in music at the College of Montmorency.

When he returned to the United States, he was engaged as musical director of St. Joseph's Church, in Los Angeles, a position he still holds. He instituted a well-received series of choral concerts at St. Joseph's.

In 1947, Wagner inaugurated the Los Angeles Concert Chorale, predecessor of the Roger Wagner Chorale, which celebrates its 25th anniversary this season.

Under his guidance, the Roger Wagner Chorale has achieved a solid international reputation in all public media. Concert, radio, and television appearances, participation in motion pictures (notably "Paint Your Wagon"), and recording of numerous best-selling records have added to the fame of this lustrous ensemble.

In addition to his work with the Chorale, Roger Wagner is well-known as a composer and arranger, and is a highly regarded authority on religious music of the Medieval and Renaissance periods. As a result of his contribution to sacred music, he has been knighted twice, once by Pope Paul VI. A Doctor of Music, Wagner is concurrently Director of Choral Music at the Los Angeles and Irvine campuses of the University of California.

Season memberships to a varied Concert Association series include admission to such other attractions as Carol Neblett, soprano; Jean-Pierre Rampal, flute, with Veyron-Lacroix, keyboard; P. D. Q. Bach, musical satirist; and Kellie Greene, jazz pianist.



The Roger Wagner Chorale

Concert Association ticket manager Carroll Evans states that single admissions will also be available at the door on the night of the performance for \$5 for any seat. However, Evans adds, the season ticket prices of \$18, \$15, and \$12, for seating in various sections of the

theater, represent a substantial savings over single ticket prices for any concert-goer who plans to attend more than two or three of the scheduled concerts.

Evans may be reached at 446-4182 for further ticket information.

## Thanksgiving Day Feast Set at Dining Hall

A bountiful Thanksgiving Day feast will be served at the Navy enlisted dining hall, Bldg. 880, on Thanksgiving Day, Thursday, Nov. 22.

The dinner, to be served continuously from 2 to 5 p.m., is free of charge to enlisted personnel who have meal passes. Enlisted personnel on commuted rations may purchase the meal for themselves and members of their families for the nominal cost of \$1.10 each for adults and 85 cents for children under 12 years of age.

Officers and civilian guests wishing to eat their Thanksgiving Day dinner at the Navy enlisted dining hall may obtain tickets for \$1.65 each for adults and 85 cents for children under 12. Tickets for the dinner are on sale for as long as they last every weekday until next Wednesday between the hours of 8 to 11 a.m. and 1 to 3:30 p.m. The Food Service Office, where the tickets may be purchased, is located in Bldg. 851, directly behind the police station.



**DRINKS**  
Choice of Fountain Drinks  
Chilled Fresh Milk  
Chilled Chocolate Milk  
Eggnog  
Hot Coffee  
Iced Tea With Lemon Wedges

**ENTREE**  
Roast Young Tom Turkey, Giblet Gravy  
Steamship Round of Beef au Jus  
Chilled Cranberry Slices  
Buttered Whole Grain Corn  
Young Tender Garden Peas  
Cornbread Dressing  
Fluffy Whipped Potatoes  
Sweet Potatoes  
Sesame Rolls  
Assorted Breads  
Parker House Rolls

**SALADS**  
Salad Bar Selection... Waldorf Salad With Pineapple Dressing  
Chef's Salad With Thousand Island Dressing Assorted Relish Tray

**APPETIZERS**  
Shrimp Cocktail With Sea Food Cocktail Sauce  
Cream of Tomato Soup  
Crisp Saltines

**DESSERTS**  
Mincemeat Pie With Sugar Topping  
Fruitcake  
Pumpkin Pie With Whipping Cream  
Vanilla Soft Dip Ice Cream  
Assorted Candy Bars  
Assorted Nuts





## COL Eligibility Requirements For Retirees Altered By Law

The President has signed a new Public Law changing the eligibility requirements for cost-of-living (COL) annuity increases payable to retiring employees.

Formerly, an annuity had to begin no later than the day before a COL increase became effective in order to warrant the increase. The new law provides that an immediate annuity beginning after the effective date of a COL increase will be the greater of the following two annuity rates:

1. The amount of the actual annuity earned as of the date of separation; or
2. The annuity that would have been payable based on the total service and the average of three highest years of pay accrued on the day before the last COL increase became effective, plus the percentage of that COL increase.

For example, if an employee retires no later than Dec. 31, 1973, the amount of earned annuity through the date of retirement will be compared with the annuity based on service and average pay through June 30, 1973, plus the 6.1 per cent COL increase which became effective July 1, 1973. The annuity will be whichever is the larger amount.

For the purpose of this comparison, it will be assumed the employee has met the age and service requirements for retirement on June 30, 1973, even if he actually was not eligible to retire at that time.

It appears likely that the next COL increase will become effective next Jan. 1. Employees who retire on or before Dec. 31, 1973, will also receive this increase if it becomes effective. The exact amount and effective date will be announced in late November.

For employees retiring after Dec. 31, 1973, earned annuity as of the effective date of retirement will be compared with the annuity based on service and average high-three pay plus the most recent COL increase. The annuity will be whichever is the greater of these two amounts.

The Civil Service Commission (CSC) will automatically review all annuities (including disability annuities) that began on or after July 2, 1973. Annuitants entitled to an increase will be notified by the CSC.

Employees wishing further information on retirement should contact their Personnel Management Advisor to arrange for retirement counseling.

## AAUW Book Review Gp. To Meet

On Tuesday at 1:30 p.m. the AAUW Book Review Group will meet at the home of Mef McAllister, 510 A Essex, China Lake.

Reviewer for the day will be Ada Lou Jarrell, who will discuss "California—A History of the Golden State," by Warren A. Beck and David A. Williams. She will also give short reviews of two pictorial histories of Britain—"The Hollow Crown," by John Barton

and "The Tower of London," by Christopher Hibbert.

The AAUW November general meeting will be held Tuesday evening at 7:30 p.m. in the Community Center. Of interest to women's rights advocates, the program will be presented by Dr. Virginia Cyrus, prominent local member of the National Organization of Women. Her topic will be "Women's Rights Under the Law."



**HOSPITAL VOLUNTEERS**—This group of public-spirited volunteers recently completed a 4-hour Red Cross hospital volunteers' training course conducted by the Navy nurses at the NWC Dispensary. The ladies, now hard at work in the Dispensary, are (front row, left to right) Hazel Ross, Mary Ann Crow, Clarine Pugh, Mary Clinton and (back row, left to right) Mary Shephard, Toby White, Donna Davis, Maxine Clark, Mary Davis, Debbie Hoffpauk, Marie Wagner, and Elizabeth Santangelo.

## Aid Asked To Fight Leukemia

Two local youngsters, Fern Nickles, 9, and Robert Anderson, 7, died last week, victims of a rare form of bone marrow leukemia.

Recently, friends and neighbors of these two youngsters and of Donnie Shearer, 9, another local youngster presently suffering from the disease, established a fund to help relieve some of the financial burdens placed upon these children's families.

Now, more than ever, contributions to the fund are needed. It costs approximately \$4,000 per month to treat a child suffering from this form of leukemia.

Although at the present time bone marrow leukemia is incurable, Dr. Stephan Feig of the UCLA Medical Center hopes to put Donnie Shearer's case into "remission." Once this is accomplished, the spread of the disease will be curtailed, hopefully long enough for a cure to be discovered.

An anonymous donor has arranged to provide transportation to and from UCLA for the extensive series of treatments Donnie needs. He must travel to UCLA every 10 days, spend five days in the hospital, come home and then return in another 10 days to UCLA.

Persons who wish to donate to the fund to aid leukemia victims may send checks to the United Methodist Church of Ridgecrest, 639 Norma St., for the "IWV Leukemia Fund."

The Social Concerns Task Force of the United Methodist Church suggests that this year people forgo sending local Christmas cards and send the money saved to the leukemia fund.

## Optimists Plan Safety Seminar For Baby Sitters

As a public service the Optimist Club of Ridgecrest-China Lake is sponsoring a baby-sitter safety seminar for local youths and parents at the Kern County Building, 230 West Ridgecrest Blvd., on Saturday, from 9:30 a.m. to 12:30 p.m.

The seminar is the second of a series, the purpose of which is to acquaint parents and baby-sitters with basic home safety, emergency procedures, emergency facilities, and emergency personnel.

Particular emphasis will be placed on special hazards of the winter and holiday season. A panel of speakers will deliver short lectures and time will be allowed for questions and discussion. Representatives will be present from the NWC Safety Department and Dispensary, the Kern County Fire Department, and the Ridgecrest City Police.

Baby-sitter attendees will receive a certificate of attendance and a wallet-size certificate with emergency numbers and checklist.

**MOUNTAIN RESCUE SLIDE SHOW**—Members of the China Lake Mountain Rescue Group will share their experiences among the mountains and peoples of Peru in a slide show next Monday and Tuesday at 7:30 p.m. at the Richmond School Auditorium. Indian markets and Inca ruins such as Macchu Picchu (at left) will be shown, as well as the majestic, snow-capped peaks of the Andes, many of them, like the one below, towering to heights of around 20,000 feet. Panpipe music will enliven the presentation; handcrafted jewelry and alpaca fur also will be displayed. Tickets are available from members of the rescue group and at the door. Prices are \$1 for adults and 50 cents for students.

## Mountain Rescue Group To Hold Slide Show



## Paving, Road Work Still In Early Stages

Lt. Don Morris, head of the Contract Division of the Public Works Department and Assistant Officer in Charge of Construction for the field office, Western Division, Naval Facilities Engineering Command, reported last week on progress of two construction and maintenance projects currently under way.

### \$312,000 Contract

Work on a \$312,000 contract for paving several commercial and industrial areas on-Center is in its early phases. This contract covers rejuvenation of various areas—ranging from resurfacing the Fedco parking lot, to repairs on many roads in and around the Naval Air Facility, and in the range areas. Roads in housing areas will not be affected by this contract, Lt. Morris said.

He also reported on the renovation of the trailers located in what used to be the north parking lot of Michelson Laboratory. "The first phase of the trailer renovation, covering alterations and work on utilities, has been completed," Lt. Morris said. "We are now entering the second phase, which will involve partitioning and interior work necessary to make the trailers useable for office space."

### Trailers Should Be Ready

"We are hopeful that the trailers will be ready for use upon completion of this contract," added John Cox, engineering consultant in the Public Works Department. "A number of different organizational codes will be moving in there in a sequenced operation," Cox continued.

"There is also some electrical work being done in-house by Public Works forces under Lou Sidney, as well as some repairs to the heating and cooling units. We're planning on completion of the in-house work by the end of February, at about the same time as completion of the contract work," Cox added.



**BACK AT ROCKETEER**—Elizabeth Babcock, a writer-editor in the Technical Information Department's Technical Publications Branch 1, is back at work on the ROCKETEER staff during the illness of editor Don Yockey. Mrs. Babcock pulled a similar tour during the summer of 1972.

—Photo by PH3 Jerry Sizemore

## Steps Outlined To Reduce Energy Use at Center

Rear Admiral Paul E. Pugh, NWC Commander, took the first steps this week in a program planned to reduce energy consumption in residential, administrative, and industrial areas of the Center.

NAVWPNSCEN Note 11300, signed by RAdm. Pugh, cites as its purpose: "To achieve immediate reductions in energy consumption at the Naval Weapons Center," and to that effect, states that certain conservation measures will be taken immediately.

Heating will be reduced in industrial and administrative areas

to a maximum of 68 degrees F. during working hours and to 58 degrees F. at all other times. Although this directive is not mandatory in family housing, compliance by China Lake residents is encouraged.

All NWC vehicles, driven both on and off-Center, will reduce their speed to 50 miles per hour, except for emergencies.

All exterior holiday season decorative lighting in industrial, administrative, and housing areas will be eliminated. The only exception will allow lighting of the Chapel area.

Heat in warehouses, excluding office areas, will be reduced to 58 degrees F.

It is directed that these actions be taken promptly; the Security Officer and the Public Works Officer are responsible for assuring prompt compliance with these actions.



**NEW VX-5 OFFICER**—Ens. Mel Hughes reported aboard the Center recently to assume the duties of Communications and Public Affairs Officer for the Air Test and Evaluation Squadron Five, replacing Ltjg. David Rolf, who has been promoted to the rank of lieutenant. Ens. Hughes comes to China Lake from flight school at Kingsville, Tex., where he received his wings. Prior to that, he attended school at Pensacola, Fla. He is a graduate of Georgia Tech, in Atlanta, where he earned a master's degree in aerospace engineering. His wife, Marcia, is teaching first grade at Trona Elementary School.

## KC Health Group Sets Meeting

Persons interested in hearing about ways of combatting the problems of local mental health are reminded that the deadline is next Friday for dinner reservations to the annual joint meeting of the Kern County Mental Health Advisory Committee and the Desert Counseling Center.

The Desert Counseling Center, 446-5586, is taking dinner reservations for the meeting, to be held at the Hideaway Restaurant on Monday, Nov. 26.

## NWC Chapel Plans Thanksgiving Services

Both the Catholic and the Protestant congregations of the NWC All-Faith Chapel will hold services of thanks next week in honor of Thanksgiving Day.

On Wednesday evening the Protestant congregation will give thanks for the bounty of the harvest season with a 7 p.m. service.

Thursday, Thanksgiving Day, local Catholics may offer their thanks for the day at an 11:35 a.m. Mass in the All-Faith Chapel.



**NWC REPRESENTED AT CONFERENCE**—George F. Linsteadt, head of the Technology Utilization Office in the Propulsion Development Department, recently attended the third Urban Technology Conference and Technical Display held in Boston, Mass. The goal of this conference was the continued improvement in communication and understanding between those who generate technical developments and those in the urban sector who make use of them. Linsteadt (on right), who also serves as chairman of the Department of Defense Technology Transfer Consortium, is shown with Joseph D. Antinucci, Technical Transfer Coordinator for the Naval Underwater System Center in Newport, R. I. Displays at the conference included examples of urban-oriented products and systems, as well as illustrations of urban technology of the past, present and future.



**VX-5 OFFICER PROMOTED**—Congratulations along with a new set of bars were presented by Cdr. R. L. Wright (at left), Executive Officer of Air Test and Evaluation Squadron Five (VX-5) to newly promoted Lt. David H. Rolf during a recent informal promotion ceremony. Lt. Rolf has now assumed the new duties of VX-5's classified material control officer.

## Injury Causes Sign To Slip Back To '0'

People have been wondering why the figure on the safety sign at the Administration Building hit a low last week.

The disabling injury that caused the slip back to zero occurred as a man was in the act of cranking a starting motor of a D-8 Caterpillar tractor. He was standing on the tracks of the vehicle when his hand slipped off the crank, causing him to lose his balance.

He fell backward to ground level, fracturing his left wrist.

Old equipment contributed to this accident. Most of the D-8 Caterpillar tractors in use on the Center are electric-starting. However, four older, hand-cranked units are still being used, a reminder of the old Model-T days.

The previous number of 105 work days at the Center without a disabling work injury set a record as far back as the Safety Department has data.



**A PAINFUL OCCASION**—A veterinarian from the Naval Air Station, Lemoore, visited China Lake last Wednesday to inoculate pets owned by local active duty military personnel. In the photo above, a large specimen is held down by his master while the vet administers the treatment. The upright ears and contorted face seem to register the dog's disapproval of the event.



# Once-Thriving Community of Darwin Interesting Place To Visit, Photograph



**BOTTLE HUNTERS' DELIGHT** — Antique bottles and jars in many sizes, shapes and designs are still found in Darwin. Many bottle hunters have found rare or unique bottles here, just what they wanted for their displays.



**WATER KING STILL REMEMBERED** — Victor Deaudry, the "water king" of Darwin, pumped water into the town by a chain of wooden aqueducts. Some of these old aqueducts, with pipelines intact, still remain.



**GHOSTLY REMAINS** — The Defiance smelter, once surrounded by wagons, mules and laborers, still stands as a ghostly reminder to the tourists that once this mighty smelter was all the activity that the community of Darwin relied upon.

By Nancy Jones

Rich silver-lead deposits were discovered south of Owens Lake in the Coso Range late in October 1874. By the year's end the town of Darwin—named for an early explorer of the region, Dr. Darwin French—had sprung up at the foot of Mount Ophir.

One of the first arrivals at the site was Victor Deaudry, who purchased a nearby spring, laid pipes into Darwin and became the "water king" of the new camp. Following him were several hundred stampedeers from the Cerro Gordo mines and another Inyo County mining camp, Panamint.

More adventurers from the tough Nevada towns of Pioche, Columbus and Eureka arrived with a sharp eye for claims not held by right of shotgun. Claim holders soon moved out of town and lived in tents on their locations to hold them against covetous newcomers.

By the end of 1875, Darwin boasted two smelters, some 20 operating mines, 200 frame houses and more than 700 citizens. Every day, two Cerro Gordo Freighting Co. teams, owned by Remi Nadeau and equipped with 16 mules each, pulled out of Darwin loaded with silver. They skirted Owens Lake around the north end (there was too much water in the lake to go around the south end) to reach the old Cerro Gordo bullion trail at Olancha headed for San Pedro.

Darwin became a regular hot spot when Lola Travis brought her flock of girls from Cerro Gordo and started a dance hall. Heading the 15 saloons was the Centennial, complete with cut-glass chandeliers and billiard table advertised as "of the same pattern as used in the Palace Hotel in San Francisco."

Darwin reached its peak in 1876 with five furnaces in operation and more than a thousand inhabitants. The town's wealth was not overlooked by California's fraternity of highwaymen, who robbed the Darwin stages repeatedly in 1875 and '76.

The decline of the town began in August 1876, when the Defiance smelter, largest in town, shut down temporarily. An exodus began which rose to a stampede when Bodie and Mammoth City beckoned two years later. Darwin's light would not flicker out, however, until a labor dispute in 1878, wherein the disagreement turned into a general shooting match by all hands, finally snuffed out the flame.

Today the ghost of Darwin (population about 10) is a collection of rude shacks—few if any of them traceable to the 1870s. In the late 1940s, the Anaconda Copper Co. revived mining on Mount Ophir, and Darwin provided two-thirds of California's lead output. But the Defiance smelter, with its scattered and rusted machinery, remains the one recognizable landmark of the old town.

**Photos By**  
**ADJAN Bill Brooks**



**PHOTOGRAPHIC WONDERLAND** — Scattered and rusted machinery can still be seen around Darwin. The Cerro Gordo mine (above) once used its smelter during the richest silver and lead strike recorded in this area. The photographer's eye can be caught by the many little shops of antiques located in Darwin. Many a miner (left) built and dug with dreams of reaching the riches of the earth. The mountains around Darwin are full of old mines like this one.

