



TO APPEAR AT CENTER THEATER—Dorothy Kirsten, the celebrated soprano, will appear in concert on the stage of the Center Theater Tuesday, April 6, sponsored by the China Lake Civic Concert Association. This is the last concert of the 1970-71 season.

Dorothy Kirsten Slated For Concert at NWC

Every once in a while an American girl is born with a golden voice, but only a few come to glow with that indefinable magic that completely captures the public imagination. Dorothy Kirsten is one of those few. This excitingly beautiful American singer is a reigning Diva in the fullest meaning of the word.

as a leading Prima Donna, a position she has held ever since.

The China Lake Civic Concert Association will present Miss Dorothy Kirsten in concert Tuesday, April 6 at 8 p.m. at the Center Theater. Partial season tickets, priced at \$6, will be on sale. Students and enlisted servicemen may purchase partial tickets for \$3.

The name of Dorothy Kirsten is synonymous with such beloved roles as Manon, Louise, Madame Butterfly, Tosca, Traviata, Girl of the Golden West and many others. In addition to her vocal brilliance, this celebrated artist's peerless stage mastery in both opera and operetta has rightly bestowed upon her the title "greatest singing actress of our time."

Miss Kirsten is equally at home singing a Gershwin ballad as singing an aria by Puccini. Her blond beauty, svelte figure and vocal artistry have graced many of the top television shows, while her starring roles with the late Mario Lanza in the Great Caruso, and Bing Crosby in Mr. Music have made her a familiar figure to the international move-going public.

The Kirsten voice has been heard in opera houses and concert halls throughout the world. In our own country, she has sung in every state of the union, including Alaska and Hawaii—where she recently opened the Theatre-Concert Hall in her new Cultural Center.

SHOWBOAT

MOVIE RATINGS
The objective of the ratings is to inform parents about the suitability of movie content for viewing by their children.
(G) - ALL AGES ADMITTED
General Audiences
(GP) - ALL AGES ADMITTED
Parental Guidance Suggested
(R) - RESTRICTED
Under 17 requires accompanying Parent or Adult Guardian

FRI 7 APRIL
"THE DEVIL'S BRIGADE" (130 Min)
William Holden, Cliff Robertson,
Vince Edwards
7:30 p.m.

(War Drama) Special Forces unit is created from Canadian and U.S. armies and a rivalry develops that aids in their ferocity as they head up the Cassino campaign. (G)

SAT 3 APRIL

-MATINEE-
"JOHNNY TIGER" (101 Min)
Robert Taylor

Short: "Woodpecker Wanted" (7 Min)
-EVENING-
"THE PARTY" (98 Min)
Peter Sellers, Claudine Longet
7:30 p.m.

(Comedy) A classic rib-tickler about a bungling East Indian actor who is accidentally invited to a swank Hollywood Party which, in his usual accident-prone manner, he makes a shambles of. (G)

Short: "Pink-a-Rella" (7 Min)

SUN and MON 4-5 APRIL

"MIDNIGHT COWBOY" (113 Min)
Dustin Hoffman, Jon Voight
7:30 p.m.

(Drama) Hard-hitting Academy Award class story of a vain Texan who goes to New York to make his fortune, and of the crippled chiseler who first exploits and then befriends him. Offbeat relationship is top drama. (R)

TUES 6 APRIL

CHINA LAKE CONCERT
ASSOCIATION PRESENTATION
Dorothy Kirsten - 8 p.m.

WED 7 APRIL

"BUTCH CASSIDY & THE SUNDANCE
KID" (110 Min)
Paul Newman, Robert Redford
7:30 p.m.

(Western) The witty story of the leaders of the famed Wild Bunch and of their funny plight as the West came to the end of its wild era. (GP)

THURS and FRI 8-9 APRIL

"TASTE THE BLOOD OF DRACULA" (91 Min)
Christopher Lee, Linda Hayden
7:30 p.m.

(Horror) The blood-curdling resurrection of the Evil Count is accomplished by three men who rue the very deed to their death as he seeks vengeance on them. (GP)

Shorts: "Of Rice and Men" (7 Min)
"Calybirds" (9 Min)

Tax Reps Here

The Bakersfield office of the State Franchise Tax Board will have a representative at the Community Center on April 7, to answer questions and advise all persons needing assistance with their 1970 State income tax returns. It is noted that no returns will be prepared. The hours for this service will be from 8 a.m. to 5 p.m.



SUE'S SOURDOUGH SALOON—Elaine West, dressed in an authentic 1900's gown, serves Sue Byrd, proprietress of "Sue's Sourdough Saloon," which will be open for two days only: May 1 and 2, at the 25th Annual Wildflower Show, to be held at the Community Center. Sandwiches, desserts, soft drinks and coffee may be purchased by the "not so weary traveler" viewing the wildflower display at the recreated western mining town.

Wildflowers Abundant On County Hillside

Warm spring weather has touched off many glowing displays of wildflowers in Kern County hillside areas, the Kern County Board of Trade reported today.

Nature's giant paint brush has stroked bright sweeps of color mainly in the county's mountain and foothill areas, the Board said. Agricultural expansion has supplanted the prolific valley acres that once supported lavish wild flower displays.

Many of the county's upper reaches are aflame with vivid displays of golds, purples, blues and reds, Board of Trade field scouts report.

Poppies, lupine, paintbrush, popcorn flowers, brodiaea, thistle sage, bird's-eye and other varieties dominate the spring floral show the Board noted.

Excellent displays are reported up Breckenridge Road east of Bakersfield.

Another wildflower wonderland is the hill area through which the Ranchiera Road passes en route to Greenhorn summit from the Kern River.

Slopes on either side of Bear Mountain Boulevard (White Wolf Grade) east of Arvin area are aglow with color, including poppies, fiddleneck, popcorn flowers, lupine and owl's clover. Veteran observers say the color show in the hillside areas east of Arvin is one of the most spectacular in years.

In the Caliente area, off Highway 58, entire mountainsides are mantled in color.

The Kern River Valley area is putting on a dramatic show of orange poppies and yellow coreopsis. The best displays are on the rugged slopes west of the Kern River.

Bright bursts of color offer a spectacular vista for several miles

up Kern River Canyon, starting at the west portal to the canyon.

Vivid splashes of color also are reported in the Poso Creek, Granite Station area.

Excellent displays of desert flowers are scattered throughout the great Mojave Desert, ranging from Ridgecrest to Mojave in eastern Kern County.

Giant Joshua trees are beginning to bloom in the spectacular Walker Pass area. The frothy-topped Sentinels of the Desert are favorite subjects of shutter-bugs.

The Board of Trade said the color show may be of short duration because of the lack of rain.

Since displays are mostly off main highways, eager visitors to the flower areas are asked to refrain from wanton destruction or trespassing on private properties in their quest for blossoms.

The Board of Trade joins with the county ranchers in urging the public to co-operate with land owners so future privileges will not be jeopardized.

"Enjoy, Do Not Destroy" is again being stressed as the slogan during wildflower season, the Board said. "If you must take the flowers with you, do it on film."

Vol. II To Play At Officer's Club

Jack Roberts, manager of the Commissioned Officer's Mess, has announced that Vol. II will play music for listening and dancing Friday, April 2, from 9 p.m. until 1:30 a.m. at the Club.

Roberts said that steaks will be \$2.95, Lobster \$3.50, and a combination plate \$5.90 that evening. Mixed drinks will be priced at 45 cents with beer at 15 cents.

ROCKETEER NWC
Vol. XXVI No. 13 Naval Weapons Center, China Lake, California April 2, 1971

NWC Shows New Look In Materials Processing



ANN NORWOOD, of the non-destructive testing laboratory, uses a 250,000 volt X-ray to examine a piece of hardware to determine its porosity or cracking of a weld.

Engineering Branch Tells Capabilities

The NWC Engineering Department, headed by F.A. Chenault, provides many diverse services in support of the mission of the Center. These range from quality engineering to fleet engineering and include product design, mechanical engineering, and weapon systems management, to name but a few.

Sidewinder, SHRIKE, and Chaparral are three major programs with which the Engineering Department has been most recently concerned. Many branches of the Department worked in the development of these weapons, and are presently continuing their research to advance the "state of the art."

Specifically, one such branch is the Materials Process and Evaluation Branch, Code 5516, located in the Quality Engineering Division of the Department. This branch concerns itself primarily with materials engineering and through its diversified staff of materials engineers, metallurgists and chemists assists other branches and departments to use available materials and processes more effectively and efficiently in these and other programs.

To accomplish these goals, members of the branch conduct specific research studies and analyze and explore new combinations of materials, processes, and techniques, as well as provide advice to engineers at the Center.

The branch divides its efforts into three main fields: metallurgy; analytical chemistry; and plastics. In these fields, the branch seeks new materials or combinations of materials to improve Center-developed systems.

One such program, conducted by Steve Herzog, a materials engineer who specializes in plastics, is the evaluation of a light-weight graphite-plastic-steel nozzle assembly. The nozzle assembly is molded of graphite, phenolic-asbestos, and steel. If the evaluation of the proposed assembly proves successful, the weight of the assembly will be reduced by 2 pounds (approximately a 25 per cent reduction) and will cost substantially less to produce than the one in present use.

Similar studies related to plastics currently underway in the Branch deal with the development and evaluation of thermal and erosion protective coatings, adhesives, and encapsulating compounds.

Through research and study the primary objective of the plastics group is to stay abreast of the

(Continued on Page 3)



AWARDED NAVY ACHIEVEMENT MEDAL—RAdm. W. J. Moran, NWC Commander, pins the Navy Achievement Medal, with Combat Distinguishing Device, on HM3 Gary L. Weston, in ceremonies held in the Commander's office March 26. The citation which accompanied the award, read, in part: "... Weston performed his duties in an exemplary manner... while assigned as a Corpsman with Company H, 2nd Battalion, 7th Marines, 1st Marine Division, during combat operations between December 2, 1969 and October 9, 1970... He displayed outstanding initiative and perseverance despite the extremely adverse conditions and difficulties associated with a combat environment." The young corpsman is assigned to the Naval Weapons Center Dispensary.

'Open Season' Policy Changed to Once-Yearly

THE 10-YEAR-OLD policy of the Civil Service Commission to hold a health benefits "open season" at least once every three years is about to be changed to an "open season" once each year. The change in policy follows a recently completed six-month study of alternatives to the current policy.

Under current regulations, Federal employees have had an opportunity to enroll in the Federal Employees Health Benefits program or to change their enrollments at least once every three years. Annuitants were generally given the same opportunity to change their enrollments.

Since the last opportunity, referred to as an "open season," was provided in November 1969, the next, under current regulations, must be offered no later than November 1972. Under the new regulation, which first must be published in the Federal Register as proposed rule making, an "open season" will be held Nov. 15-30, 1971, and Nov. 15-30 of each year thereafter.

The most important advantage seen under the new system is that it permits more frequent adjustment of plans or options because of premium and benefit changes in the 40 plans that participate in the program. Other dissatisfactions with the present system that were noted in the Commission's study would be substantially lessened by the certainty that adjustment would be possible within one year. For example, an employee who loses outside health insurance coverage when his (or her) spouse's private employment terminates will be able to enroll in the Federal program within a maximum of one year's time.

Also, employees or annuitants who move into a geographic area

served by a group-practice or individual-practice plan for which they were not previously eligible will not have to wait as long as three years to take advantage of their newly acquired eligibility. Similarly, an employee who joins a union that sponsors a plan will be able to enroll in that plan within a maximum time of one year.

During the open season to be held in November, employees who are not enrolled will be able to enroll. Both employees and annuitants who are enrolled will be able to change from one plan or option to another and to change from a self-only to a family-type of enrollment.

Rubella Clinics Treat Many Pupils In Kern County

The county-wide rubella immunization campaign, co-sponsored by the Health Department and private physicians of the Medical Society, has come to a successful conclusion, with a total of about 41,400 children, ages 1-11, immunized, reported Dr. Owen A. Kearns, County Health Officer.

This total includes the 2,118 children immunized in the local clinics held at James Monroe and Groves schools March 11. Of the total in the public schools, 1,748 were school age children, 5-11, representing 54 per cent of the total eligible population, and 370 preschool age 1-4.

Dr. Kearns emphasized that even though the recent county wide rubella immunization campaign reached more than 50 per cent of the county's 1 to 11 age group, birth defects in newborn babies are still possible. He reported that for the first 11 weeks of 1971, more than 160 cases of rubella (3-day or

(Continued on Page 3)



SUPPLY DEPARTMENT AWARDS—Employees of the NWC Supply Department received awards ranging from Beneficial Suggestions to Shop Safety Awards and Safe Drivers Awards at a ceremony held recently in the Department office. Charlotte Braitman, left and Alex Ribault, (behind her, right) received \$25 Beneficial Suggestions. Shop Safety Awards were picked up by Lloyd Rogers, who also got a Supervisor's

Award, Woodrow Bertine, (plus Supervisor's Award), Gordon Peacock, William King and Jesse Bell. Garland Burden, George Halsey, Noel Sanders, Elmo Slation and Alfred Stevens were given Safe Driver's Awards. Jake Davis, Willie Perry, George Sullivan and Eugene Youman were awarded Materials Handling and Construction Equipment Operators Safety Awards.

—Photo by PH2 D. E. Hart

From _____ PLACE STAMP HERE
TO _____

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HOLY WEEK SERVICES

Protestant
Palm Sunday Worship Service, 10:00 a.m.
Bible Study, 7:00 p.m. in the East Wing with a discussion on how we can face suffering victoriously.

Maudy Thursday, April 8. A Sacrificial Soup Dinner at 6:00 p.m. with the Lord's Supper at 7:00 p.m. \$1.00 per adult and 50 cents per child for the dinner with all money received to go to a mission project to help relieve suffering.

Good Friday Service, April 9, 4:45 p.m. in the All Faith Chapel

Easter Worship Service, 10:00 a.m.
Catholic
Palm Sunday - Blessing of Palms and Masses; Saturday, 5:00 p.m. (Fulfills Sunday obligation to attend Mass); Sunday, 7:00, 8:30, 11:15 a.m.

Lenten Masses - Monday, Tuesday, Wednesday at 11:30 a.m. and 5:00 p.m. in the Blessed Sacrament Chapel.

Holy Thursday, April 8 - Mass of the Last Supper, 5:30 p.m. in the All Faith Chapel.

Good Friday, April 9 - Solemn Services, 2:30 p.m.

Holy Saturday, April 10 - Easter Vigil Service, 11:00 p.m., Midnight Mass will follow. A reception is planned after Mass in the East Wing.
Easter Sunday - Masses, 7:00, 8:30, 11:15 a.m.

CONFESSIONS SCHEDULE DURING HOLY WEEK
Wednesday, 4:30 - 5:00 p.m. and 5:30 - 6:00 p.m.

Holy Thursday, 4:15 - 5:15 p.m.

Good Friday, 3:30 - 4:30 p.m.

Holy Saturday, 3:30 - 5:00 p.m. and 7:30 and 8:30 p.m.

First Seder Scheduled
April 10 is the first day of Passover and the Hebrew Congregation has scheduled the first Seder for Friday, April 9 in the Banquet Room of the Station Restaurant at 6 p.m. Services will be conducted by Student Rabbi James Mirel.
The menu will include Gefilte Fish, chicken soup and Matzoe balls, tossed salad, roast chicken, baked potatoes, mixed vegetables, and dessert. Coffee, tea or punch will also be served.
In addition the traditional Passover food items such as matzoes, wine, hard boiled eggs will also be served.
The meal is priced at \$5 per person and \$2.50 for children under 13. Enlisted men who plan to attend will be guests of the congregation. Reservations must be made no later than April 6. Interested persons are asked to call Mrs. Edward Braham, 375-2332, Mrs. Sol Sherman, 375-5337, or Mrs. Fred Nathan, 446-2157.

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 172 should be submitted bringing your work history up to date if one has not been submitted within the last 4 months. The fact that positions are advertised in this column does not preclude the use of other means to fill these positions. Part of the ranking process of those rated as basically qualified will be a supervisory appraisal form that will be sent to the employees present and most recent previous supervisor. Selection shall be made without discrimination for any nonmerit reason.

Mechanical Engineer GS-430-11 or 12 Code 5852 PD No. 4238—This position is located in the Fuze Department, Electromechanical Division, Fuze Development Branch I. Incumbent serves as a professional mechanical engineer who conducts studies leading to the formation of safety policies; designs new explosive components; supplies information on existing components; and establishes safety and functional requirements pertinent to guided missile fuze design, with emphasis on the mechanical aspects of these devices and systems. **Minimum Qualification Requirements:** As defined in CSC Handbook X-118. **Job Relevant Criteria:** Must have good working knowledge of mathematics, physics, and chemistry. The incumbent also needs specialized training in management and program planning and in strength of materials and heat transfer.

File above applications with Pat Gaunt, Bldg. 34, Room 202, Phone 2723.

Clerk-Typist, GS-322-3 or 4 or Clerk (DMT) GS-301-3 or 4, Code 352—Primary purpose of the position is to provide a variety of clerical and typing duties for the division. Incumbent will assume clerical overflow of branch and division secretaries. This will involve dictating machine transcription, typing correspondence, reports and memos which includes highly specialized technical terminology. Incumbent will also be responsible for all incoming mail and the routing of this mail to the branches and will fill in for the branch or division secretaries in their absence.

File application for the above with Sue Prasolowicz, Bldg. 34, Rm. 206, ext. 2577.

Accounts Maintenance Clerk, GS-520-3, 4 or 5, Code 1742—Examination, validation, and verification of accounting documents and forms, correction of transactions to accounting records, correction of error on postings, entries, Computations, balances, etc. **Minimum Qualification Requirements:** GS-3, 1 year general; GS-4, 1 year general and 1 year specialized; GS-5, 1 year general and 2 years specialized.
Computer Aid, GS-335-5, PD No. 4917049, Code 1781—This position is located in the Operations Branch, of Central Staff. The incumbent compiles data daily, weekly, and monthly reports for the Branch and Div. Verifies totals on the reports and examines data content of the report and determines the lists procedures. Provides support to the operations function through secretarial and clerical support and through the maintenance of schedules and related tasks in the Support Section. **Minimum Qualification Requirements:** GS-5, 1 year general and 2 years specialized.
File applications with Mary Morrison, Bldg. 34, Rm. 210, Phone 2022.

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EXCHANGE GIFTS—Adm. W. J. Moran, NWC Commander, holds a miniature flag of the United States, mounted in a VFW seal, presented him by Joseph Borello, Department Commander of the Veterans of Foreign Wars for the State of California. Borello holds an NWC plaque given him by the Commander. While at NWC, Borello was taken on a tour of the facilities, and shown films regarding NWC's mission.

CENTER LIBRARY LISTS NEW BOOKS

A complete list of new books is available in the library.

FICTION
Bagley—Running blind.
Boud—Organ bank farm.
Dominic—Murder in high places.
Drury—Throne of Saturn.
Patten—A death in Indian Wells.

NON-FICTION
Brown—Cosmetic surgery.
Flexner—George Washington and the nation.
Fodor—Europe 1971
Fodor—Scandinavia 1971
Frommer—Mexico on \$5 and \$10 a day.
Frommer—Scandinavia on \$5 and \$10 a day.
Jensen—American album.
Landon—American crewe/work.
Levine—Vocational and technical mathematics in action.
Maltz—Conquest of frustration.
Organic gardening & Farming—Encyclopedia of organic gardening.
Powell—Down the Colorado.
Silverman—Art of the folk blues guitar.
Sunset—California wine country.

CLOTA Comedy To Open April 9 At Lecture Center

"Here Lies Jeremy Troy," the hilarious three-act comedy by Jack Sharkey, will open April 9 at the Burroughs High School lecture center and will continue April 10, 16 and 17. The curtain is slated to go up at 8:15 p.m. all four nights.

Directed by Ed Romero for the Community Light Opera and Theatre Association, "Jeremy Troy" is the story of a young man who has built his entire adult life on lies and duplicity, only to have his "house of cards" threatened by a visitor from his college days. To complicate matters, the visitor brings a young model to the house thought to be Jeremy's by Jeremy's wife, Kathryn. In addition, Troy's boss, Ivorsen, is slated to arrive for a dinner engagement that same evening.

The cast for the production includes Bob Gritton, as Jeremy; Barbara Hintz, as Kathryn; Art Schaper as Charlie Bickle, from the University; Nancy Hoyem as the model, Tina, and Jack Lindsey as Jeremy's boss, Ivorsen.

Tickets for the production are available from the Gift Mart in Ridgecrest, the Station Pharmacy, or from members of the cast. They are priced at \$2 for adults and \$1 for students and enlisted servicemen.

Counseling Clinic Will Celebrate 20th Anniversary

The Desert Counseling Clinic will celebrate its twentieth anniversary with a banquet at the Chief Petty Officers' Mess on Thursday, April 15. Dinner will commence at 7 p.m., preceded by a cocktail hour at 6 p.m.

Noted Speaker
Martin H. Landau, president of the Clinic's board of directors, announces that Dr. William Beach, Deputy Director of the California Department of Mental Hygiene since 1965, will be the guest speaker at the banquet. His topic will be, "Current State of California Policies on State Support for Mental Health." As Deputy Director, he is in charge of the administration of all community mental health programs and the licensing of California's 700 private institutions.

A psychiatrist with 16 years experience in dealing with the problems of California's mental hospitals, Dr. Beach has shown particular interest in child psychiatry and mental retardation. In December 1970 he was selected as a representative to the White House Conference on Children and Youth by the American Academy of Child Psychiatry. In addition, he acts as a consultant to the Joint Commission on Childhood Mental Illness Clinic, to the State Hospital Advisory Council, and the Hospital Advisory Board. Also, he is the Mental Hygiene Department's representative on the Governor's Coordinating Council on Alcoholic Problems as well as Chairman of the Department of Mental Hygiene's Committee on Children and Youth.

At the banquet, Dr. Beach will discuss the future of California's mental health facilities.



MEETS COMPETITOR—Barbara Lewis, Miss Ridgecrest-China Lake, poses with Carolyn Morelli, Miss Kern County, following Miss Morelli's win in Bakersfield. The girls will vie with others throughout the state for the Miss California title in June at Santa Cruz. This week the local pageant association kicked-off a fund drive to send Miss Lewis to Santa Cruz with the sale of tickets at \$1 each which will entitle some lucky family of four to spend two days and one night at Disneyland. Tickets are available from association members, the Ridgecrest Chamber of Commerce, and ACE TV.

A Look Into The Past From The Rocketeer Files

20 Years Ago . . .

. . . Bergin Birdsall, of the Calif. Temperance Federation addressed Burroughs High students on alcohol and its effect on the human brain and body and reactions which usually occur . . . Capt. George Sheetz of Kern County Forestry Service spoke on conservation of natural resources to pupils at Groves School . . . Burroughs High held its 5th annual carnival, with proceeds to be divided between the campus clubs and classes operating the booths and the Student Council . . . The "Old Ranger", Jack Palmer, machinist in Design and Production told how he and Jack Tanner, a Public Works auto mechanic, bought 160 acres together three miles west of the main gate, off Inyokern road, and split it up into two separate ranches, whence the name—Two Jacks Ranch, and also, Jacks Ranch Road. Palmer, a spare-time writer, expressed his opinion of the desert in a poem which was published in the Rocketeer's first issue for the month of April, 1951.

10 Years Ago . . .

The Station Medical Officer reported a general epidemic of mumps and 7-day Rubeola measles on the Center and in the surrounding area . . . Capt. R. A. Davidson relieved Capt. T. J. DuMont as Public Works Officer of NOTS . . . Expansion of the China Lake Junior College program to include additional courses leading to AA degrees in science and engineering was approved . . . The IWV Council for Retarded Children was organized with Jane Bachinski as president . . . VX-5 developed a multiple bomb rack to increase jet aircraft firepower . . . H. P. Jenkins of Propulsion Development Dept. attended a week-long meeting of the Advisory Group on Aeronautical R&D at NATO Headquarters near Paris, France . . . Plans were announced by Special Services for the Los Angeles Dodger Rookie baseball team to play the NOTS Club in July.

5 Years Ago . . .

Adm. David L. McDonald, Chief of Naval Operations, and Mrs. McDonald made their first visit to NOTS . . . Jerry L. Reed was nominated to receive the Army R&D Award for his efforts in designing advanced light weight armor systems for protecting U. S. Army aircraft in Viet Nam from small-arms weapons fire . . . Ribbon-cutting ceremonies opened the new air-conditioned handball court . . . The Command responded to the Interior Department's request for assistance from the NOTS Explosive Ordnance Disposal crew to clear the La Mont Meadows Highway of a giant 75-ton granite boulder which had rolled into the path of highway construction crews.

Employee In the Spotlight

Thomas L. Boggs, a research engineer in the Aerothermochemistry Division of the Research Department, is this week's Employee in the Spotlight.

While a student at the University of California at Berkeley, Boggs worked at NWC under the Co-Op program from 1963 to 1966. After receiving his BS degree in Mechanical Engineering, he came to the Research Department full time in December, 1966. Since that time he has distinguished himself both on the job and through his extracurricular community activities.

His duties, as he explains it, are to investigate the combustion mechanisms of solid propellants and the decomposition behavior of various propellant ingredients. He has authored over 25 papers, technical articles and presentations, with 14 of them published in open literature.

Tom has received several honors for his work, including having been chosen to present a paper at the 13th International Combustion Symposium. In addition, he has received, along with co-author K. J. Kraeutle, an award for the outstanding open literature paper authored by an NWC employee (in 1969) from the China Lake Section of the Research Society of America.

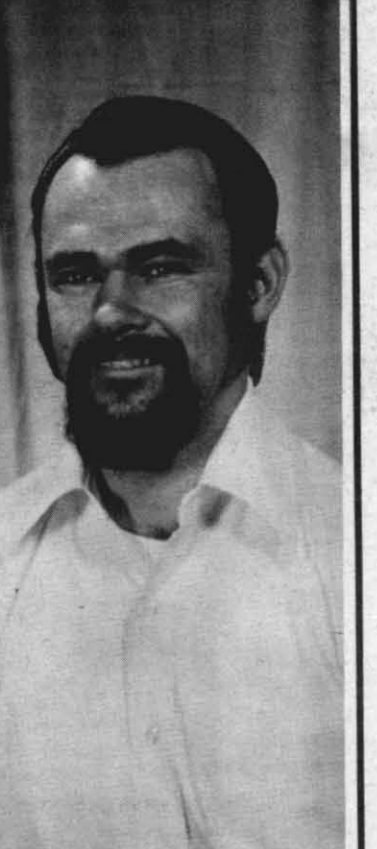
Boggs has been appointed to serve on two national technical committees: the American Institute of Aeronautics and Astronautics (AIAA) Propellants and combustion technical committee; and the Joint Army, Navy, NASA, Air Force (JANNAP) Solid Propellant Workshop planning committee.

He is active in the AIAA and has held the posts of Secretary, Program Chairman, and Publicity Chairman. He is presently the Vice-Chairman of the organization. Boggs is also a member of the Combustion Institute.

Community Activities
Through his participation and involvement in community programs dealing with youth, Boggs has earned much recognition.

He is a co-founder (with Marty Denkin) of the Reality Program, a community self-help program designed to aid youth who have a drug problem. He is now the executive director of Reality and works mostly with those physically addicted to drugs. Since founding the program, Boggs has worked personally with over 20 addicts. In addition he has served as a consultant to other communities in combatting drug addiction.

Boggs also co-founded the program known as One-to-One, Inc., with Richard Smith. This is a program analogous to the Big Brother program, but open to all youth. He serves on the Board of Directors of this organization.



Tom Boggs

In addition, Tom is an advisor to the China Lake Youth Council, a group designed to give local youth a voice in their community, and is an advisor to Explorer Post 813. This group specializes in community service and outdoor adventure. In 1969 they won a Presidential Unit Citation at the Scout Expo (under Boggs' guidance), and recently hiked the entire John Muir Trail. As a member of this organization, Boggs has written a handbook on backpacking which is available through the NWC Safety Department.

Tom's community involvement includes teaching a course on Youth and Drugs in Contemporary Society for the Bakersfield College, Desert Division, and directs the Kiwanis Club's Drug Alert program.

In addition he is a member of the China Lake Mountain Rescue Group and serves on the Board of Directors of the Desert Counseling Clinic. He is also a patron of the Community Light Opera and Theatre Association.

Tom has received several awards for community service, including: the Sylvia Besser Award for outstanding community service in the mental health field in 1970; the Optimist Club's community service award; and the Key Club award for being a "friend to youth."

Tom and his wife Antoinette have recently purchased an older home which the couple are remodeling. "I guess you could say that's my hobby at the present time," he said. "It's really quite a kick, you oughta do it yourself."

When asked what he does with his "free time," Boggs replied, "Well, in addition to remodeling the house, I like to garden, hike, fish and, of course, work with youth. My house is always full of young people, the 'leaving out of the refrigerator' kind. My wife and I have no children of our own, but boy, do we have a lot of kids."

The Rocketeer

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DEADLINES:
News Stories Tuesday, 4:30 p.m.
Photographs Tuesday, 11:30 a.m.

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Phones 3354, 3355, 2347

DIVINE SERVICES

Protestant (All-Faith Chapel)—
Morning Worship—10:00 a.m.
Sunday School—8:30 a.m. - Chapel Annexes, 1, 2, 4 (Dorms 5, 6, 8) located opposite Center Restaurant.

Roman Catholic (All-Faith Chapel)—
Holy Mass—5:00 p.m., Saturday (Fulfills Sunday obligation); 7, 8:30 and 11:15 a.m., Sunday.

Daily Mass—11:30 a.m. in Blessed Sacrament Chapel, First Saturday, 8:30 a.m.

Confessions—4 to 5 p.m. Saturday; and 8 to 8:25 a.m. Sunday.

NWC Jewish Services (East Wing All-Faith Chapel)—8 p.m. every first and third Friday.

Sabbath School—10 a.m. to noon, every first and third Saturday.

Unitarian Fellowship—(Chapel Annex 95, King Ave.)—Sundays, 7:30 p.m.



EASTER STORY HOUR SLATED—Mrs. Mari Cruise will present an Easter Story Hour for children between the ages of 5 and 9 at the Center Library on Saturday, April 3 at 1 p.m. Above, children of the China Lake Nursery School feed a rabbit loaned the school by Mean's Nursery in Ridgecrest.
—Photo by PH3 Ronald Gray Mills



Allen Smith's 694 Is Premier League High

Allen Smith (245-236-213, 694) led the Dean's Pro Shop quintet to a three-game sweep over Arden's Dairy, which raised the team from 9th to 7th place in the Premier League. Allen was aided by Jack Brown, who rolled 209, 204 and 234, for a 647 series, and Dan Branson, who shot games of 238 and 211. The hot keggers rolled a 1050 game (high for the night) and a 2971 series, good for second place in the season.

R. C. Jones had games of 227 and 205, ending up with a 622 series and Dick Bauers rolled 202 and 224 enroute to a 617 series. Warren Turnbaugh fired 203 and 219 for 614 and Byron Nelson had 217 and 212 in a 605 series. Floyd Maxwell rounded out the 600 shooters with a 206, 222 for 602.

Some of the better single games: Earle Roby, 227; Sam Schoenhals, 227; Ken Dalpiaz, 224; Tom Short, 223; Bill Mitchell, 211-214; Ed Donohue, 204-221; Dean Lippincott, 203-203.

Thursday Trio

Jackie Renne rolled her first 200, a 208 game, and Fern Wacker, who shot a 202, also had an all-spare game.

Leading the league, however, was Mike Breitengross with a 232 game and a 570 series. Jackie Helfner had a 203 and Aiko White rolled a 211.

Supply Dept. Mixed

John Shepard rolled a 583 and Ted Carleton a 580 to lead male scoring. Rusty Smith had a 479 to top the ladies scores. Ed Valerio came through with 232 and Shepard had 211. Brad Royer shot 227, Marvin Cornelius, 216, and Frank Carson, 209.

Wed. Ladies League

Pat Maddux shot a 220 and a 561 to lead the scoring, but Rita Glover's 548 was not far behind. Connie Evans had a 214, Marian Sievert, 201, and Liz Furstenberg a 529. Sue Lewis rolled a 527.

Koffee Klutchers

Rosemary Hoffer was the big shooter, hitting 199 and 519. The Cut-Ups had a 758 and the Unpredictables a 2103.

Women's Scratch

Sue Lewis hit 639 on games of 225, 211 and 203, to lead all the scoring last Monday evening.

Wanda Billings had a 586, Joyce Paulson 549, Sue Haack, 545, MarLyn Heeke, 526 and Jeanne Crom and Diane Richardson, 518. Wanda rolled a 213 game and Darlene Herbstreit had a 202. Jerry Holland hit 200.

Friday Mixed 4-Some

Chuck Cutsinger got loose for a 671 on the strength of 223, 204 and 244. Jack Leininger had 201 and 226 for a 612 and Jack Lindsey rolled a 582.

Lindsey had a 205 game, A. Kane, 201, Allen Smith 201 and 204, and Paul Homer socked out a 233 game. Sam Schoenhals had 211 and Dan Ryan, 200.

Shirley Hartman rolled a 501 series, Darlene Herbstreit, 534, Maggie Branson, 519, Neola Crimmins, 518 and Wanda Billings, 501. Rosie Pelley had high series for the ladies with a 535. Darlene and Maggie each hit a 201 game.

Youth Center To Host All-Star Basketball

Sports and recreation minded residents of the Indian Wells Valley will have the opportunity to witness youth basketball at its best on 2 and 3 April at the N.W.C. Gym at the Youth Center All-Star Basketball Classic.

The schedule is as follows: Friday - 2 April 7: 6:30 p.m. Murray School 7th grade All Stars vs China Lake Youth Center - Junior Division All Stars. 8:00 p.m. Murray School 8th grade All Stars vs China Lake Youth Center - Senior Division All Stars.

Saturday - 3 April 7: 10:00 a.m. Eastside Boys Club Midget All Stars vs China Lake Youth Center - Midget Division All Stars. 11:30 a.m. Eastside Boys Club - Junior Division All Stars vs China Lake Youth Center - Junior Division All Stars.

Metal Trades Council Information
446-4776

Special Services Calendar

- April 4 Helen Duval Bowling Clinic at China Lake Bowl
- 7 State Franchise Tax Board representative at Community Center
- 8 China paint demonstration. 9 a.m. at Ceramic Hobby Shop. No children please.
- 14-15 Francilu Hansen art classes begin. Call Community Center for information.
- 17-18 City of Hope Motorcycle Meet
- 18 Sage Grouse viewing tour. Begins at 5:30 a.m. at intersection of 395 and Benton Crossing Road. Sponsored by Department of Fish and Game.
- 22-24 Ridgecrest Gold Rush Days.
- 23-24 China Lake PTA Fractured Follies Review. Burroughs Lecture Center.
- 24-25 Kern County Art Show at Community Center
- 30-May 1 Wildflower Show



ALL WIN TROPHIES—On Saturday, March 27, this group of bowlers from the IWW Special Education Class, journeyed to Visalia, California to compete in a tournament. The team of Roger Janes, Lauren Eisinger, Sharon Adair, Stephen Shideler and Barry Seal, placed first in the B Division. Rueben Janes came in first in Class A singles; Zeb Adair came in third in Class B singles, and Jean Redman was third in the Class C singles. Maury Coleman, advisor to the group, holds the team trophy.

Desert Campus Skeds Placement Test Date

The Bakersfield Desert Campus Placement Test Battery will be given on Saturday, April 17 in the Burroughs Multi-Use Room at 8:30 a.m. All students taking the test are asked to report by 8 a.m.

The Spring administration of the placement test is primarily designed for high school seniors who plan to enter the Desert Campus or who plan to attend the main campus of Bakersfield College.

The scores from the tests will be used to assist college counselors at the Desert Campus to help students plan a course of study and to aid them in making decisions regarding long-range educational goals.

At the main campus of Bakersfield College, the placement is required of all entering students.

Individuals taking the test are asked to bring a ballpoint pen. All other testing materials will be provided. College counselors advise students to be rested before taking the test and to wear comfortable clothing. If a student should become ill, an alternate testing date should be arranged.

The test battery will consist of an English Classification Test, a Reading Skills and College Aptitude Exam. An advanced Math Placement Test will also be given for students who plan to take Calculus.

Sophomores To Hold Car Wash

The Sophomore class of Burroughs High School will hold a car wash Saturday, April 3 at Paul's Gulf Station, on China Lake Blvd., in Ridgecrest. Times of the car wash are from 10 a.m. until 4 p.m.

IN AN EMERGENCY CALL: 446-3333

Special Services Schedules Sign-up For Golf, Softball

The 1971 intramural golf season will begin May 11 and continue each Tuesday throughout the summer until the round robin schedule has been completed.

"The length of the season will depend on the number of teams we have entered in the program," said Recreation Director Ray Gier. "Last year we had 13 teams and the program lasted until early August. We'll set up the schedule once we know how many teams are entered."

Deadline for entries is April 30 at 4:30 p.m. Each team is allowed four players and two alternates, but all must be male members of the China Lake Golf Club.

League play will consist of full handicap, 9-hole matches at 5 p.m. each Tuesday.

SOFTBALL

The China Lake Softball League 1971 season will get underway on May 10 and prospective teams for both the slow and fast pitch leagues have until April 30 to enter.

Rosters may be submitted to the Special Services, 76 Bard Street, any time before 4:30 p.m. on April 30.

Rosters are limited to 17 players (including managers and coaches) and any military or civilian employees of the Naval Weapons Center.

Practices are to be scheduled only through Recreation Director Ray Gier. Softball teams will not be allowed to practice on fields reserved for Little League or Pony-Colt programs.

New Hours Set At Youth Center Effective Monday

A new set of hours will go into effect at the China Lake Youth Center April 5 to allow the Youth Center to serve China Lake's teenagers better.

The new schedule of operation, and the 1971 summer schedule, are as follows:

Youth Center Hours
Monday - Friday 3 p.m. to 9 p.m.
Saturday 10 p.m. to 5 p.m.

Summer Hours
Mon.-Wed.-Fri. 3 p.m. to 9 p.m.
Tuesday, Thursday 4 p.m. to 9 p.m.
Saturday 10 p.m. to 5 p.m.

Afternoon Hours Set For Pool At Center Gym

The swimming pool at the Center Gym will be open in the afternoons during the week of April 5-9 so that students will be able to take advantage of the facility during Easter vacation.

The Easter hours for the pool are as follows:

Monday	1 p.m. to 6:00 p.m.
Tuesday	1 p.m. to 6:00 p.m.
Wednesday	7 p.m. to 9:30 p.m.
Thursday	1 p.m. to 9:30 p.m.
Friday	1 p.m. to 9:30 p.m.
Saturday	11 a.m. to 5:00 p.m.
Sunday	1 p.m. to 5:00 p.m.

The China Lake Branch of the Bank of America will be open from 3 to 5:30 p.m. on Good Friday, April 9.

Unique Facet Of Code 55 Keeps Quick Pace

(Continued from Page 1)

development of new plastics and compounds so that the increasing needs of the Navy can be met. Because of the rapid advancements made in plastic technology today and new products that involve new engineering requirements, the branch considers plastics research one of its most critical areas, particularly in the application of plastics as it is related to the design of electronic and electrical equipment.

Analytical Chemistry

One of the programs with which the Analytical Chemistry section is involved concerns analysis of low concentration of trace metals in world-wide surface waters. To accomplish this Rudy Muro, an analytical chemist and Head of this section, uses a Perkin-Elmer Model 303 atomic absorption (AA) spectrophotometer with a Perkin-Elmer 165 recorder. This instrument, which is the only one located on the Center, is capable of fast and accurate analysis of approximately 63 elements in the parts-per-million range and some elements at the parts-per-billion level.

Muro also uses the sophisticated instrument to perform analysis for other branches and departments on the Center. Other equipment used by Muro in his research includes a Perkin-Elmer, Model 257, infrared spectrophotometer for analysis of organic materials, such as plastics, and a two-meter Applied Research Laboratories emission spectrograph for identification of metals and corrosion products.

A third section of the Materials Process and Evaluation Branch is one which deals with metallurgy. In this area, studies are made of properties of alloys and their response to heat treating and joining methods, including brazing and electron-beam and inertial welding.

A new multistage heat-treating technique is currently being studied by James McMahon, a physical metallurgist. This study came about when the section received two articles written on the general subject of full hardening of certain steels without drastic quenching which left more unsaid than actually said. The implication in the articles was that the process was possible, but the section decided to see for itself. The research began when people from the RAP project came in with a design which looked difficult to make.

The metallurgy section decided that if the new heat-treating schedule was possible, it would provide an answer to the fabrication of the part.

The RAP project required metal of a very high hardness or very high strength, and if the part was heat treated in a rough state, the shop would be faced with extensive machining of very hard material which would prove costly. To heat treat, by normal procedures, after machining would cause distortion. If McMahon's study is successful, however, it will permit the fabrication and subsequent heat treating of vital items for a number of missile components with less difficulty than is presently encountered. Joining methods, particularly

metal joining, such as welding processes, hold a high interest for the personnel of this section. Ray Eriksen, another physical metallurgist, is currently involved in studying the process of inertial welding which makes use of stored kinetic energy in a rotating flywheel. Inertial welding, in its simplest expression, is the energy stored in a rotating flywheel and transferred in the form of heat to the parts to be joined. This heat, generated by friction, (perhaps as much as 1800-2000 Deg. F.), causes the parts to be welded together.

First, one determines the total energy required for the welding of the parts. The work to be expended, expressed as KW2, or flywheel mass, has to be computed by using the total energy available and the RPM of the flywheel, plus the thrust force. When all the energy of the rotating flywheel has been used, it stops its rotation, and the parts are welded together.

Welds by this technique can be made in much less time and with very high reliability. A wide variety of metals and combinations can be joined, including combinations difficult or impossible to weld by other methods, such as aluminum to steel. Eriksen is presently devoting his research to the weld parameters of pressure, initial sliding velocity and flywheel moment of inertia, all geared to increase reliability and decrease processing times.

In addition to metallurgical studies, this section (headed by Robert A. Weinhardt) operates an extensive non-destructive testing laboratory in which the integrity of raw materials, finished hardware, and welded joints, is examined by radiographic, ultrasonic, black light and penetration procedures.

Aid Offered

Center engineers who require assistance with problems such as heat treating, welding, electroplating, painting, corrosion and the selection and use of metal and plastic can find a sympathetic ear in the Materials Process and Evaluation Branch. But more important, they will find solutions to their problems, gained for them by personnel who take pride and pleasure in lending assistance.

The branch, headed by J. W. Hensley, is part of the Quality Engineering Division, which is headed by Dale R. Randle.

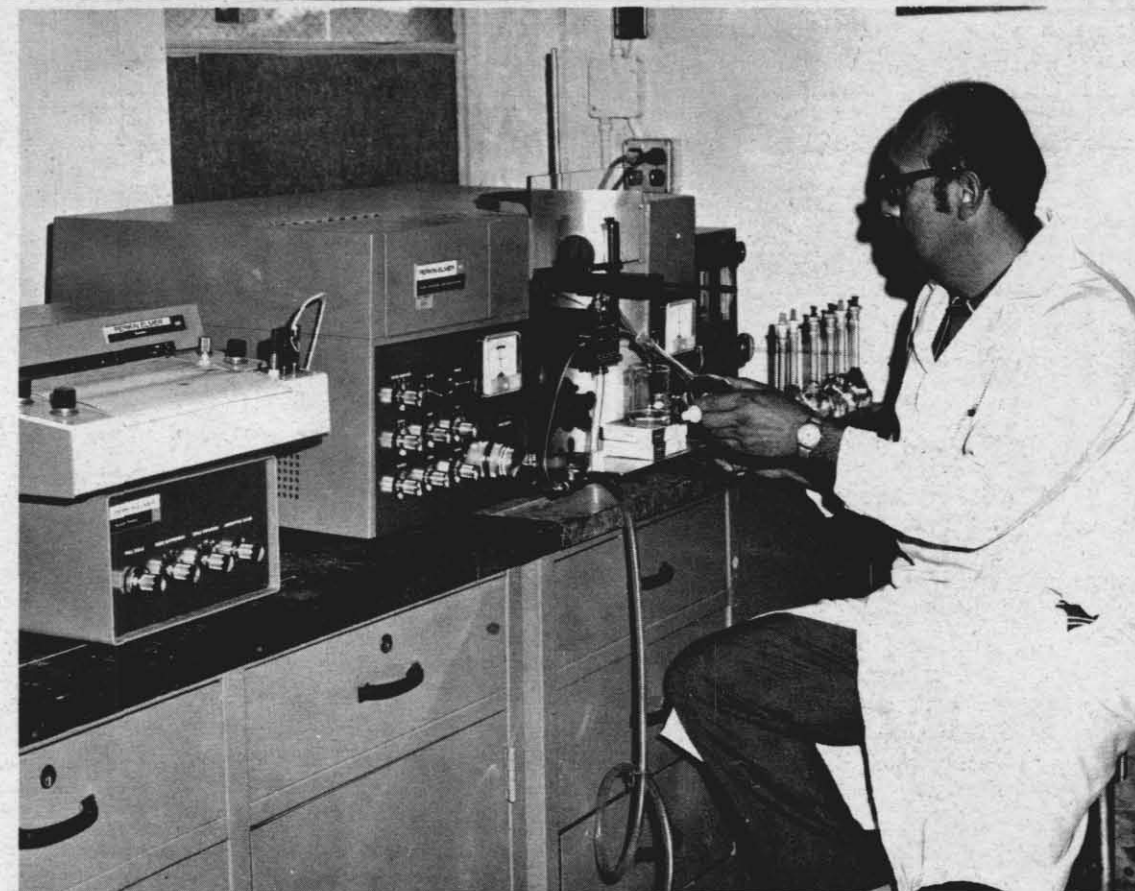
'Chain Of Fools' Play For Dance At Jolly Roger

According to Gene Boyts, assistant manager of the Jolly Roger, the well known rock group, "Chain of Fools," will play music for dancing Friday and Saturday, April 2 and 3, at the Club from 9 p.m. until 1:30 a.m.

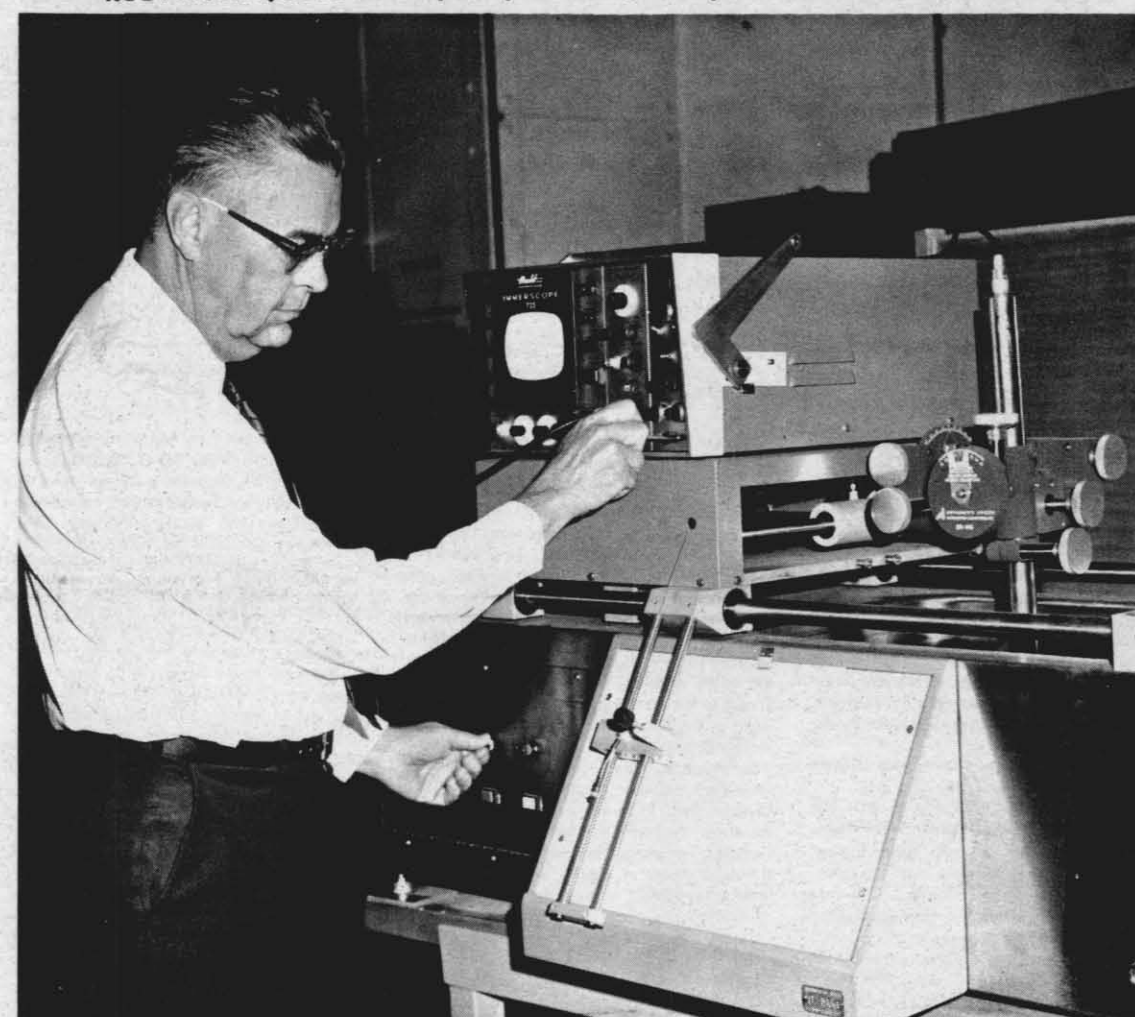
Boyts also announced the opening of the new snack bar in the Club. Hours for the snack bar are 5:30 p.m. until 9:30 p.m., daily.

All members and their guests are invited to come out this weekend for a night of fun and dancing.

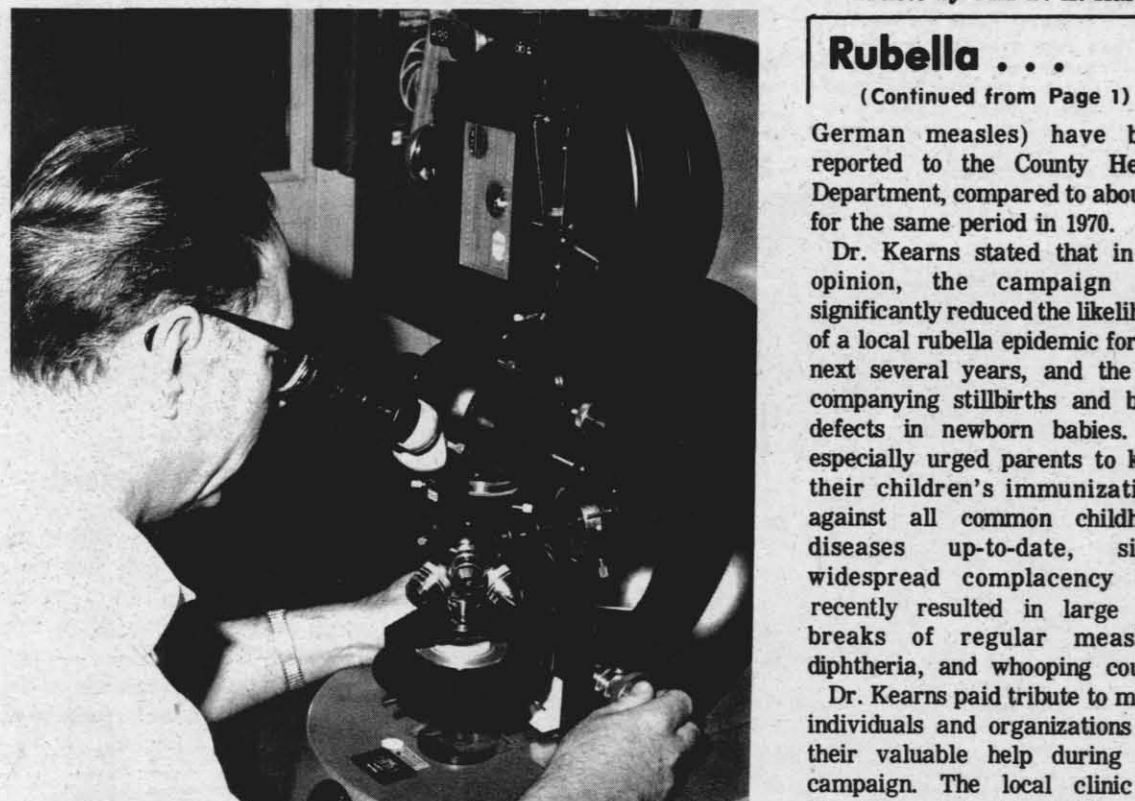
PREVENT FOREST FIRES



RUDY MURO operates the AA spectrophotometer, the only one of its kind on the Center.



R. A. WEINHARDT uses an ultrasonic flaw program in the non-destructive test laboratory. -Photo by PH2 D. E. Hart



JIM MCMAHON used a Metallograph to check the microstructure of heat-treated steel. The Metallograph, which is manufactured by Zeiss, of West Germany, can be used to examine and photograph metals at magnifications as high as 1500X.

Rubella . . .

(Continued from Page 1)

German measles) have been reported to the County Health Department, compared to about 43 for the same period in 1970.

Dr. Kearns stated that in his opinion, the campaign has significantly reduced the likelihood of a local rubella epidemic for the next several years, and the accompanying stillbirths and birth defects in newborn babies. He especially urged parents to keep their children's immunizations against all common childhood diseases up-to-date, since widespread complacency has recently resulted in large outbreaks of regular measles, diphtheria, and whooping cough.

Dr. Kearns paid tribute to many individuals and organizations for their valuable help during the campaign. The local clinic of physicians included, William P. McBride, M.D., Peter S. Pinto, M.D., Merrill Werblun, M.D., Harold Mills, M.D., and NWC physicians.



OFFICERS OF NAVY WIVES CLUB— Installation of 1971 officers of the China Lake Navy Wives Club took place during a tea held at Mrs. Cathy Gire's home. L-R, Yvonne Brode, secretary; Delores Bradley, chaplain; Gertie Oliver, treasurer; Lori Boyd, president; Mrs R. E. McCall, installing officer and wife of NAF Commanding Officer, Capt. McCall; Sue Reynolds, parliamentarian; Mrs. L. W. Gire, sponsor, and wife of NAF Executive Officer, Cdr. Gire; and

Diann Pottorff, vice president. Honored guests were: Mrs. W. J. Moran, Mrs. A. E. May, Mrs. R. E. Osman, and Mrs. E. C. Middleton. Membership in the club is open to wives of all military personnel, active, reserves, retired, and widows. Meetings are held at 9:30 a.m. the 2nd and 4th Wednesday of each month at the Girl Scout Hut on Halsey. For information, call Lori Boyd at 375-4953 or Diann Pottorff at 375-7385.

—Photo by PH2 D. E. Hart

Community Center Has Information On Laguna Show

NWC residents who wish to purchase tickets to the 1971 Pageant of the Masters at Laguna Beach, California are asked to call Ann Seitz, Community Center manager, at NWC Ext. 2010, for information.

The yearly Pageant will commence July 16 and will run through August 29. Featured in the program of events will be many art works never previously presented. Included are a nose guard from an ancient Russian helmet, a gold inkwell, a Goya tapestry, an unfinished painting by Michelangelo, a pierced ivory and several ships' figureheads.

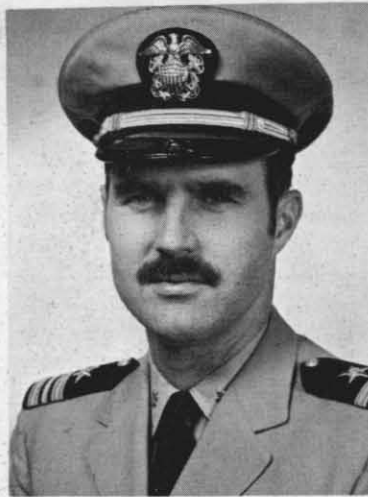
Work on the Festival of Arts, which will run during the same dates as the Pageant, has also begun. A record of 196 artists and craftsmen are competing for the available booths and will be selected by a seven-man jury.

GEBA-CLMAS Assesments Due Reports Mason

Assessments 229-157 and 230-158 are now due to the Government Employees Benefit Association and China Lake Mutual Aid Society, for the deaths of Cecil Welch and John Christy who passed away last week-end, announced Larry Mason, GEBA-CLMAS secretary-treasurer.

Cecil Welch succumbed to a heart attack on Saturday, March 27, at the Ridgecrest Community Hospital. He was 57 years old and an employee of the Maintenance Control Division of the Public Works Department.

John Christy also succumbed to a heart attack on Friday evening, March 26, at the Ridgecrest Community Hospital. He was 52 years old and worked in the Aircraft Gun Systems and Survivability Office, Weapon Systems Division, of the Systems Development Department.

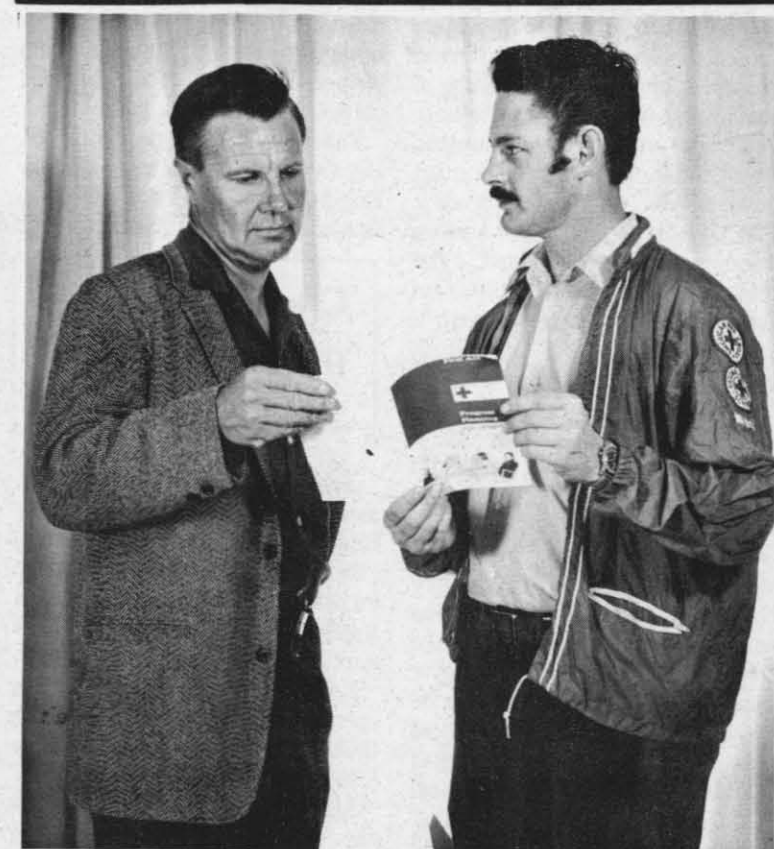


NEW VX-5 OFFICER— Currently serving as VX-5 Electronic Warfare Officer is LCDr. Ken MacGillivray. A graduate of Villanova University and holder of a masters degree from the Naval Postgraduate School, LCDr. MacGillivray reported to VX-5 from VA-44 after a combat cruise in the Western Pacific. Despite his recent arrival to VX-5, he will be leaving in June on orders to the Naval Test Pilot School, Patuxent River, Maryland. LCDr. MacGillivray and his wife Una reside on the Center at 52A Vieweg Circle. They have three children.

Fractured Follies Tryouts Scheduled For April 6

Talent for PTA's "Fractured Follies of '71" will be selected Tuesday, April 6, during a "talent night" party at the Burroughs High School multi-use room. The free party, starting at 7:30 p.m., is open to the entire community. Especially needed are men and women with singing, dancing or acting ability willing to spend the next three weeks in intensive rehearsals.

"Fractured Follies" will be presented on April 23 and 24, at 8 p.m., at the Burroughs High School Lecture Center. The musical comedy revue is being held in order to raise money for PTA's Campership Fund.



RED CROSS VISITOR—Dr. Carl Heller, left, and Pat Kaye, National Red Cross Field Representative for Safety Programs, check out a training manual in preparation for training Dr. Heller will undergo which will certify him as a First Aid Instructor Trainer. Kaye's other goals during his visit here are to update the training of current First Aid Instructors and to familiarize them with the new multi-media course recently developed by Red Cross.

CARE TO USE EASTER SEALS

The NWC Liaison Office in Washington, D.C. now has permanent new telephone numbers which are: OX 2-7085, OX 2-7123, and OX 2-7626.

The mailing address remains the same as shown at the top section of the NWC Code Directory.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

Warehouseman WG 6907-05 Code 2591— Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, counts, issues and assembles supplies of all types in accordance with established supply systems, procedures and methods. Minimum Qualification Requirements: Rating will be on the basis of existing J element standards in accordance with CSC X118c. Applicants must submit a supplemental experience statement. Forms can be picked up in Rm. 206, Personnel Department.

File applications for above with Naomi Campbell, Bldg. 34, Rm. 206, Ext. 3118. Computer Operator, GS-332-5-6, PD No. 7130025, Code 3052. (2 vacancies)—These positions are in the Systems Development Department, Counter-measures Division, Echo Range Operations Branch. They are primarily responsible for the operation of the control console of a computer and all elements of the system which are directly connected with it. This involves readying the equipment for operation, starting it, monitoring its operation, and taking prompt action in response to machine commands or unscheduled halts. Minimum Qualification Requirements: At the GS-5 level, must have 2 years of general experience and one year of specialized experience in the operation of computer systems, or peripheral devices used in support of computer operations. At the GS-6 level in addition to the above, have one more year of specialized for a total of 2 years. At least one year must be at the GS-5 level, as specified in the CSC Handbook, X-118.

File above applications with Beverly Saiger, Code 657, Bldg. 34, Room 212, Ext. 2514.

Clerk-DMT GS-316-3-4 Code 5526 PD No. 7155003—Position is located in the Control Design Branch, Electromechanical Division, Engineering Department. The physical location of the branch is at Salt Wells, approximately eight miles from the main headquarters of the Center. Incumbent serves as secretary to Branch Head. Must check security of all files and maintain an accurate list of all material and personnel who have access to the classified materials stored in the Branch. Types scientific and technical reports and all correspondence written in the Branch. Also prepares travel orders, itineraries, & clearance requests. Organizes and maintains Branch files, receives and distributes and classifies mail for the Branch. Drafts non-technical inter-branch memos and writes standard letters of inquiry and reply to contractors and other groups. Locates technical reports, journals and other written materials required by the Branch. Coordinates Branch originated procurement actions. Minimum Qualification Requirements: 1 year appropriate experience for GS-3, 2 years for GS-4. Job Relevant Criteria: (1) Must be a qualified typist and Dictation machine operator. (2) Must be able to meet and deal with all visitors to the Branch. Advancement Potential: GS-3 may advance to GS-4.

General Engineer, GS-801-11 PD No. 755099 Code 5571—Position is located in the SIDEWINDER-CHAPARRAL Systems Office, Weapons Systems Management Division, Engineering Department. Incumbent serves as an understudy to an assistant Project Engineer. Position assists in performance of

various project engineering tasks including: Production engineering duties; evaluation of proposed changes, planning work assignments and providing project coordination. Incumbent will interface with contractors and other government agencies in coordination of various group efforts to resolve production problems. Minimum Qualifications: 3 years professional engineering experience or combination of education & experience. 1 year of experience must have been at GS-11 level. Job Relevant Criteria: (1) B.S. degree in engineering. (2) Ability to express self both orally and in writing. (3) Demonstrated aptitude to operate independent of close supervision. (4) Demonstrated ability to work with personnel of diverse backgrounds. Advancement Potential: Potential exists for promotion to the GS-12 and GS-13 level upon demonstrated ability to perform full range of project engineering duties.

Meteorological Technician (General) GS-1341-7 PD No. 7192001 Code 92—Position is established by the Fleet Weather Facility, San Diego, for duty in the Naval Weather Service Environmental Detachment located at NAF, China Lake, Calif. Duties involve primarily forecasting and surface observational fields, with some duties performed in charting and verification. Minimum Qualification Requirements: Two years of general experience in a field of physical science, engineering or technology which would give basic knowledge in observing and recording data, use of scientific instruments in measuring physical phenomena, computing problems by mathematics. Three years of technical experience in the field of meteorology including making weather data, making or modifying weather forecasts. Job Relevant Criteria: Must have two years experience as a flight forecaster and possess two years experience in taking surface observations. Must achieve certification by the Commanding Officer to act as flight clearance forecaster.

Liaison Office Telephone Numbers Listed

The NWC Liaison Office in Washington, D.C. now has permanent new telephone numbers which are: OX 2-7085, OX 2-7123, and OX 2-7626.

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COME FLY WITH US—Our mommies and daddies are celebrating 60 years of Naval aviation. Are yours? Interested? Ask a WACOM member. (Do not call the Rocketeer.) Remember 60-71-May 8.

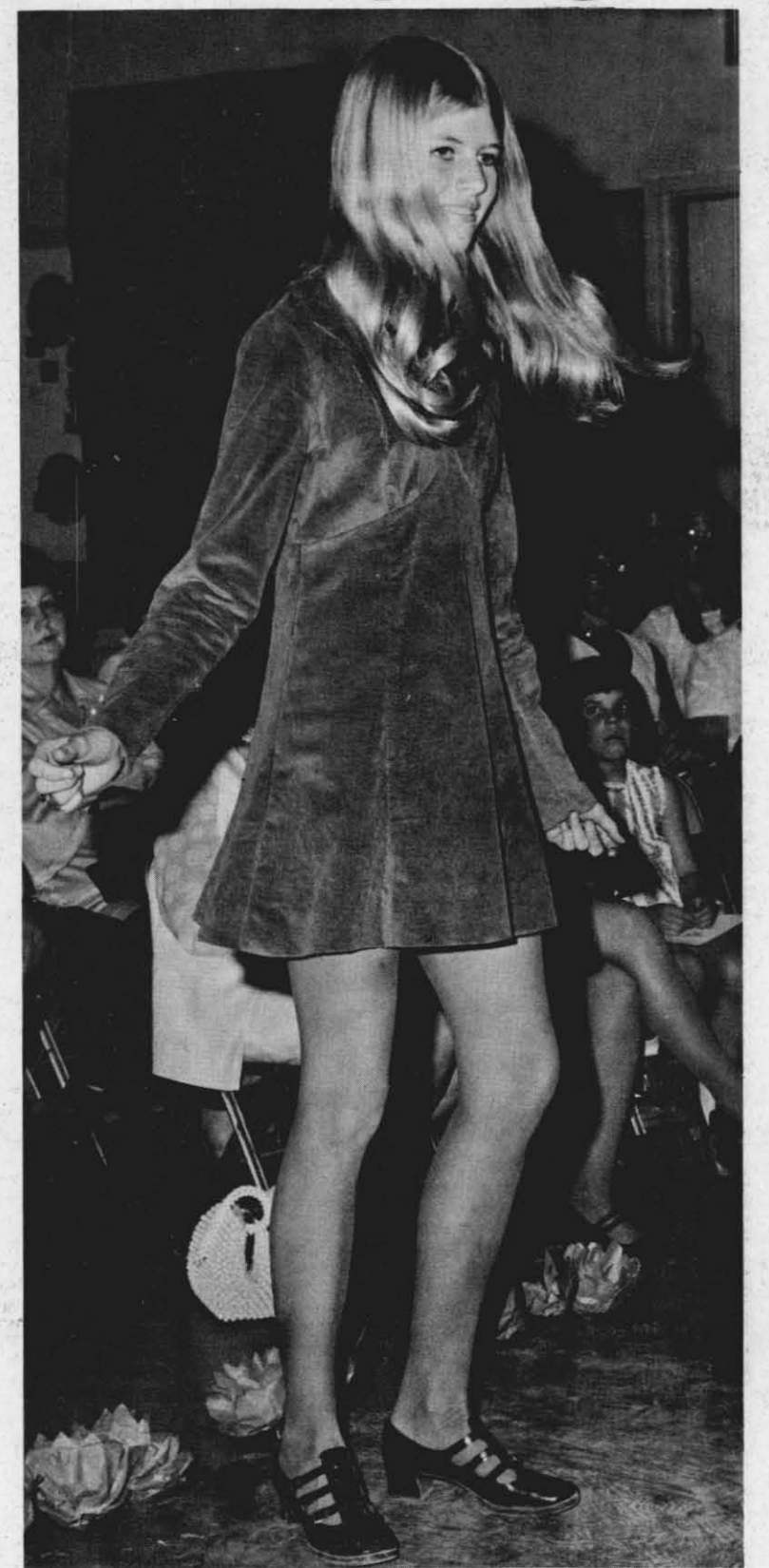
Fashion Is The "Thing" For Spring



LOU BAUERS models a knit pants suit. All of the models in the CPO Wives Club Fashion Show, held at Grant's Department Store Saturday, March 27, were children and wives of Chief Petty Officers stationed at China Lake.



MARY PAINE, a member of Cadette Girl Scout Troop No. 430, swirls gaily in the dress she made for the fashion show. Mary earned her Dressmaking Badge for this outfit.



ZINDI HOMER models a Princess Line mini-dress, which she made for the Fashion Show of the Cadette Girl Scout Troop 430. Most of the fashions modeled were made toward the Dressmaking Badge awarded by the girl scouts.



SHARON HICKS models a pants-suit while an unidentified shopper at Grant's watches.



JOYCE LEONARD in a chinese collared dress. The CPO Wives Club Fashion Show, which ran three shifts (10 a.m., 1 p.m. and 3 p.m.) was quite successful.



JOYCE LEONARD looks fetching in this beautiful dress provided for the CPO Wives Club Fashion Show by Grant's Department Store, in Ridgecrest.



LITTLE WANDA CHURCH models a two-piece play suit, designed for the younger set.



ZINDI HOMER models a mini-suit which she made. The girls of Cadette Troop No. 430 earned their dressmaking, Good Grooming and Hostess badges during this show.



Photos By PH3 Ronald G. Mills