Page Eight

dependence.

ded

Dickinson.

La Mancha."

Rum to Slaves."

Adams.

Community Light Opera and

Theatre Association's next pro-

duction, "1776" announced re-

cently that he has chosen the cast

for this musical re-enactment of

the events leading up to the

signing of the Declaration of In-

"Script requirements called for

so many men that we were afraid

we wouldn't be able to fill all the

roles," Blanc said. "Fortunately,

we were able to assemble a strong

and complete cast. I'm looking

forward to creating this show with

the help of some new talent, and

some experienced people I've

never worked with before, as well

as with any of my old friends from

last year's 'Mame' cast," he ad-

Assisting Blanc with casting

decisions were Russ Parker,

musical director, and Sherry

as Teyve in "Fiddler on the Roof"

and Sky Masterson in "Guys and

Dolls," will duel in Congress with

Herb Childers, who has been

assigned the role of John

Childers, who has appeared in

many local amateur productions,

is best remembered perhaps for

his direction of CLOTA's "Man of

Jim Rosolanka, who has been

involved either onstage or behind

the scenes in CLOTA's last four

productions, will portray the role

of Benjamin Franklin, while Greg

Erdmann, as Edward Rutledge,

will vocalize on the show's most

difficult number, "Molasses to

Erdmann, who was the featured

vocalist for a concert presented

recently at the All Faith

Chapel, played the role of Nicely-

Thomas Jefferson will be

protrayed by Rick Menz and the

role of his wife, Martha, has been

given to Debbie Wood. Joan

Renner will be seen as Abigail

Doug Blew, as John Hancock,

will preside over a Congress that is

helped in its day-to-day functioning

by Charles Thomson, secretary,

played locally by Ernie George,

and Andrew McNair, custodian,

played by Leo Barglowski.

Nicely in "Guys and Dolls."

Parker, assistant director.

Cast Chosen by Director

For Next CLOTA Musical

ROCKETEER

Friday, February 2, 1973

MOVIE RATINGS

The objective of the ratings is to infor parents about the suitability of movi content for viewing by their children. (G) - ALL AGES ADMITTED

General Audiences (PG) - ALL AGES ADMITTED

Parental Guidance Suggested (R) - RESTRICTED

Under 17 requires accompany ing Parent or Adult Guardian CS - Cinomascope STD - Standard Movie Screen

FRI.

"BLINDMAN" (CS 102 Min.)

2 Feb.

"BLINDMAN" (CS 102 Min.) Ringo Starr, Tony Anthony (Western) Blind Tony Anthony is unusually skilled with any kind of weapons. He uses dynamite to gain revenge against a man who allowed bandit Lloyd Battista to steal Anthony's shipment of 50 mail-order brides for Texas miners. Violence, sex and partial nudity may offend some. (R)

SAT. 3 Feb. -MATINEE-

(STD 89 Min.)

-EVENING-

"EVERYTHING YOU ALWAYS

WANTED TO KNOW ABOUT SEX BUT WERE AFRAID TO ASK"

6-7 Feb. "THE WRATH OF GOD" (CS 111 Min.)

(Action Western) A bloodthirsty film executions in the square are an hourly ritual. Robert Mitchum is a priest forn

THURS. & FRI. 8-9 Feb "ONE IS A LONELY NUMBER"

(STD 97 Min.) Trish Van Devere, Monte Markham (Comedy Drama) Trish Van Devere's husband has walked out on her. His departure leaves her "paralyzed" to an extraordinary degree. When Trish's husband asks for a divorce, her friend introduces her to Janet Leigh, who instructs her on how to take her husband for everything he's got. (PG)

(Continued from Page 6) He also did quite well while he was attending Cal Western University.

Pat was runner-up for the China Lake Club Championship in 1968, when Randy Anderson beat him in a sudden death playoff, and he won the Commander's Trophy event that year. He was chosen on the second team of All-American golfers while attending Cal production since the organization's Western and placed fifth in the

Social Security

A representative of the Social Security office in Lancaster will pay another in his regular series of monthly visits to China Lake next Wednesday, Feb. 7.

Persons wishing to obtain a Social Security or apply for Social Security benefits can do so at the Community Center between 8:30 and 11 a.m.

PLACE STAMP HERE

"YOUNG BILLY YOUNG" Robert Mitchum, Angie Dickinson (G)

"THE ASPHYX" (STD 99 Min.) Robert Stephens, Robert Powell (Suspense Drama) In Greek mythology, the asphyx is a creature which appears only at the time of im-minent danger to warn a person of his peril. Robert Stephens is a scientist of the 1870s who attempts to make himself and his loved ones immortal. (PG)

4-5 Feb. SUN. & MON.

(STD 88 Min.)

(Comedy Allen, John Caradine (Comedy) Different questions from the book introduce each episode. Sex and partial nudity may offend some. (R)

TUES. & WED.

Robert Mitchum, Rita Hayworth

between cassock and revolution, and Rita Hayworth plays a matriarch whose fanatical son is the one responsible for much of the slaughter. Violence, sex and partial nudity may offend some. (PG)

(STD 97 Min.)

Catbird....

near San Diego.



William R. Blanc, director of the Henry Lee; John Wooldridge, as Roger Sherman; Carl Helmick, as Robert Livingston, and Rick Howell, as the courier. Other members of the Contirental Congress are Loren

> Russakov (Dr. Lyman Hall). Ralph Vuono (Stephen Hopkins), Wes Willett (Lewis Morris), Fred Stahlman (Samuel Chase), Mike Zaleski (James Wilson), Charles Guilmette (Caesar Rodney), Joe Farris (Col. Thomas McKean), Ken Anderson (George Read), John Pietras (Rev. Jonathan Witherspoon), Gene Richardson (Joseph Hewes), Jack Ahearn (Dr. Josiah Bartlett), and Bob McKee (Leather Apron).

CLOTA will present "1776" on March 9, 10, 16, and 17 in the Burroughs High School Lecture Center. Tickets for the coming season, which also will include "Hello Dolly," "A Lion in Winter." and "Star Spangled Girl," are now Alex Bellen will portray the on sale. Further information about leading role of John Adams. season tickets can be obtained by Bellen, familiar to local audiences calling Annie Blanc at 446-7265.

Tryouts To Be **Held Next Week** For 'The Mikado'

Tryouts for Gilbert and Sullivan's "The Mikado," will be held next Tuesday, Wednesday and Thursday at 7 p.m. in the Burroughs High School multi-use

College, stated that all one needs to Community Light Opera and do to be in the operetta is to sign up Theatre Association (CLOTA). for Theater 27, a class held at the college each Tuesday and Thursday from 7 to 10 p.m.

Those who wish to audition for a major role should be prepared to 1972. sing a solo number.

around the emperor's son, Nankito be "a hag."

in the home of Yum-Yum, who is Suite." betrothed to Ko-Ko, the Lord High not executed anyone in "months").

volved, as Nanki-Poo is executed

LOOKING OVER BROCHURE - The three main leads in the upcoming CLOTA production of "1776," Alex Bellen, Herb Childers and Jim Rosolanka (left to right), study a brochure about this historically accurate musical re-creation of the birth of this nation. The three men will portray John Adams, John Dickinson, and Benjamin Franklin, respectively.

Here, the plot gets rather in-Important musical roles will be and then resurrected, all through filled by Mike Walker, as Richard guile, and winds up with his love. By Hopi Indian Center.

talk by White Bear, a Hopi Indian chief, who will present an illustrated lecture on the Hopi Indian religion and the interpretation of petroglyphs.

Tickets to the 7:30 p.m. program, priced at \$1.50 each, can be purchased at the Maturango Museum or ordered by calling Ruth Pearson, 446-2925.

White Bear, an artist and member of the Bear Clan, was the source of information on the Hopi Indians' historical and religious view of life that can be found in "The Book of Hopi," written by Frank Waters.



Tate in "Plaza Suite." Fred Stahlman, who played Big Jule in "Guys and Dolls" took home the trophy for best supporting actor, and Marsha Burgner won best supporting actress accolade for her unforgettable protrayal of Agnes Gooch, in "Mame."

Three others - Bill Blanc, June Deatherage and Bill Beasley were selected to receive trophies for best technical achievement. They were responsible for the set design and lighting for "Mame." Blanc also directed the production.

One final award was presented by the CLOTA board of directors. Memorial Award" which is to be given out annually to the person who has made the greatest contribution to CLOTA over the years. Vivian Childers, who has been the costume designer on every CLOTA inception in 1965, received the individual National Eliminations. award. Jane Bugay, who was killed in an automobile accident last year, had served CLOTA in many different capacities.

An election for the CLOTA board of directors also was held during the evening. Selected to serve two year terms were Dr. Bernie Wasserman, Florence Pinto and June Renfroe. Mrs. George Howell was elected to serve a one-year

HAPPY THESPIANS — Chosen as the most outstanding actors and actresses of the 1972 season by the Community Light Opera and Theater Association, the four thespians above hold their trophies. They are (I.-r.): Fred Stahlman, best supporting actor; Suzanne Koerschner, best actress; Jim Feiser, best actor, and Marsha Burgner, best supporting actress. In the photograph at right, Vivian Childers was selected by CLOTA to receive the Jane Bugay Memorial Award for making the most outstanding contribution to CLOTA over the past eight years. Larry Sawyer, right, made the presentation.

CLOTA's 'Best' Thespians Singled Out at Banquet For the second consecutive year, Suzanne Koerschner was chosen Pat Schwarzbach, director of Florence Green was singled out as best actress for her role of Muriel

speech and drama at Cerro Coso the best director of the year by the

Mrs. Green, who won in 1971 for "Fiddler on the Roof," was the director of "Guys and Dolls," judged CLOTA's best production in

Presentation of the best director "The Mikado" is a well-known award came at the third annual comic operetta that revolves CLOTA banquet, held at the Chief Petty Officers' Club last Sunday Poo, who wishes to marry a evening. In addition to selecting a delectable girl named Yum-Yum. "best production," awards were However, the Mikado has already given out for the best actor and promised the son to another actress and best supporting actor woman, whom Nanki-Poo believes and actress from CLOTA's three 1972 productions "Guys and This was the "Jane Bugay He flees the palace and winds up Dolls," "Mame," and "Plaza

Jim Feiser, who portrayed Executioner (who, by the way, has Nathan Detroit in "Guys and Dolls," was selected best actor and **Tickets Go On** Sale for Talk

> Tickets will go on sale beginning today at the Maturango Museum for another museum-sponsored program coming up on the evening of Monday, Feb. 26, at the

Burroughs High School Lecture Featured at that time will be a



Hiring Freeze Continues At Naval Material Labs

A previously announced freeze on the hiring and promotion of civilian employees within the Department of the Navy was lifted yesterday-EXCEPT at Naval Material Laboratories such as the Naval Weapons Center.

A message received Wednesday from the Secretary of the Navy announced the end of the freeze on hirings and promotions which went into effect during the second week in December, noting that, effective Feb. 1, "hiring and promotions are authorized consistent with assigned employment targets and funds for Fiscal Year 1973, and the budget for Fiscal Year 1974 which reflect policy with respect to employment levels and promotions."

The SecNav message also included a note of caution, as follows: "The austerity of funding levels requires continued attention to insure that only those personnel actions are effected which are essential to the conduct of approved programs.

"Resumption of recruitment requires that priority consideration be given to career employees affected by actions eliminating or transferring their jobs," the SecNav message continued.

"Temporary appointments will be used to the maximum extent feasible in order to stockpile vacancies for career employees who may be replaced," the SecNav message ended.

The foregoing was followed by word received from the Office of Chief of Naval Material in Washington, D. C., which puts the brakes back on hirings and promotions here.

The CNM message pointed out that as of Dec. 31, 1972, Naval Material Laboratories were in excess of their assigned yearend strength and mentioned the prospects of reductions-in-force being required if this trend continues.

"Accordingly, the hiring freeze is continued at all CNM Labs until further notice," the message stated.

Gives Help to Italians

Gordon A. Greene, an explosives Americans - Dr. Martin F. Zim-Difese (Ministry of Defense) and America's Department of Defense. Greene, who made the trip at the invitation of the Italians, was accompanied by two other

Filing Time At Hand for School **Trustee Posts**

China Lake residents interested in serving on the board of trustees of the local elementary school district have until Feb. 16 to file declarations of candidacy, according to information received this week from Vera K. Gibson, Kern County clerk.

Anyone 18 years of age or over who is a registered voter and a citizen of California is eligible to be elected as a school trustee. Copies of the forms to be used in filing for election can be obtained at the local school district office on the Murray School campus.

Four vacancies on the fivemember board of trustees of the China Lake Elementary School District are to be filled in the election that will be held on April

will expire are Richard Rusciolelli, currently president of the board; Mrs. Annaliese Odencrantz, clerk, and W. B. Porter, Another vacancy resignation of Mrs. Lynne Powers.

17.

research physicist whose specialty mer, project officer of the meeting, is high speed cameras, recently who is an explosives research journeyed to Italy to take part in a expert employed at the Air Force nine-day data exchange meeting Armament Laboratory, Eglin Air between the Italian Ministero della Force Base, Fla., and Robert L. Jameson, an explosives physicist at the Ballistics Research Laboratory, Aberdeen, Md.

Greene provided information on two types of ultra high-speed



Gordon Greene

cameras with which he is familiar-framing cameras and streak cameras-and acquainted the Italian experts with their use.

The Italian government representatives were Dr. Enzo Brandimarte, inspector general in chief of the Ministero della Difese; Trustees whose terms of office Lt. Col. Dr. Marcello Busco, Dr. Lanciani, and an engineer known only as Laurienzo. The latter two men are employees of SNIA, an Italian firm that furnishes exalso was created by the recent plosives and research facilities to (Continued on Page 4)

China Lake California

February 2, 1973

INSIDE ...

Afro-American Week Theme2 Health Problems To Be Aired3 Prayer Breakfast Held Feb. 1 4 Air Fair a Success5 Sports AFGE Contract Signed7 CLOTA Awards Presented8



Vol. XXVIII No. 5

INVENTORS TEST SOLUTION - Ruth Tedrick, left, and Herbert Richter, inventors of the present Chemlite, test the catalyst by mixing it with the fluorescer to produce one of the convenient, handy little chemical lights. The two chemists invented the current model of Chemlite in 1970 after eight years of working with other types of chemically-formed lights.

NWC-Developed Chemlite Found High Speed Camera Expert To Be Valuable in Emergencies

chemical lights), the brightly an expeditious manner. colored, non-pyrotechnic lights developed at NWC.

In the first incident, a crewman was washed overboard from the U.S.S. Iwo Jima (LPH 2) and Chemlites were dropped into the water to mark the position of the Chemlite and landed his ship by man and to enable a helicopter reading the instrument panel from pilot to get a "fix" on the water and effect the rescue.

In the second rescue, two men were in the water after problems with their aircraft forced them to ditch. A helicopter crewmember, wearing a green EX16 Mod 1 Chemlite attached to his wet suit, was dropped into the water near the two downed airmen. This enabled the crew members to swim to him. The pilot of a 'copter then centered his aircraft over the green light and lowered a recovery sling, to which was attached an EX 17 Mod 1 orange Chemlite. The two

600 Families Get Questionnaires **About Housing**

Mailed out this week to a sampling of 600 military and civilian families occupying Navy housing quarters was a copy of the annual Naval Weapons Center housing survey.

Purpose of the survey is to obtain information needed in support of future housing improvement projects at China Lake.

Those receiving the family housing questionnaire are asked to complete it as soon as possible and return it by mail no later than next Friday, Feb. 9.

sea late in 1972 have focused at- horizontal guides, enabling rescue reaction of Oxalate ester plus a tention on Chemlites (short for team members to do their work in fluorescer, with hydrogen per-

Another use of the small, plasticcased luminescent substance was learned of recently when a pilot reported that he lost his cockpit lights while flying a jet plane at night. He broke open a green the illumination it provided.

the Chemlite," said Steve Little, Deputy for Engineering, Code 35081, in the Ship Countermeasures Program Office, headed by Earl Love. Little, Carl Morley and Bob Gerber are in charge of development of the device and are the men responsible for initiating pilot production, Fleet evaluations and and bachelor housing quarters at current release to production ef- the Naval Weapons Center is fort

ment of Transportation was sent Fallgatter, head of the Public 200 of the orange colored Chemlites Works Department's Housing (in cruciform holders) to evaluate. Division. Now that department is thinking of Sent here by the Western using the Chemlites in lieu of a red Division of the Naval Facilities pyrotechnic road flare on all traffic Engineering Command in San control vehicles, as well as on Bruno is a professional real estate ammunition trucks and propane appraiser, whose task it is to carriers.

The Chemlite is a result of 10 Lake with those in the area. chemistry during which time the survey, which is concerned only light output has increased 10,000 with that portion of the rental fee fold. The chemical research is charged to cover the shelter itself directed by Dr. William McEwan, (not the cost of utilities), will be head of the Research Depart- used in preparing a new rent ment's Chemistry Division, and schedule that is slated to go into Dr. Carl A. Heller, Herbert effect later this year. Richter, Mrs. Ruth Tedrick and Each year, a separate survey of Dr. Ronald A. Henry, all of the utility costs for housing at China Chemistry Division.

What exactly is a Chemlite? by NWC personnel.

A pair of successful rescues at lights served as both vertical and Chemically speaking, it is the oxide, and a catalyst, which light up when combined.

Several types of Chemlites are currently available, and these vary in the color of light emitted and the length of time that useful luminance is available. Almost any conceivable color or shade of light could be produced by the Chemlite technique, depending upon the "There are many other uses tor fluorescer chosen. According to (Confinued on Page 3)

Appraisal Of **NWC Housing** Now Under Way

The triennial survey of family currently under way, it was an-For instance, the U.S. Depart- nounced this week by Cal

compare housing units at China

years of research on this type of Information obtained in the

Lake also is made, but it is handled

Page Two

Friday, February 2, 1973



CPO WIVES INSTALL NEW PRESIDENT-Jan Parker, left, past president of the CPO Wives Club, presents the gavel to newly-elected president Rena Schmidt, following ceremonies held Friday night during the annual installation dinner at the CPO Club. Other officers installed were Marie Goodell, vice-president; Peggy Weaver, secretary, and Sandy Bozony, treasurer. Major project of the CPO Wives Club is the support of two Indian children through the Christian Children's Fund. All wives of Chief Petty Officers are eligible to join the local group.

Library Lists New Books

LIBRARY HOURS: Monday-Friday: 2-9 p.m. Saturday: 10 a.m. - 6 p.m. Readers are reminded that all employees, regardless of residence are most welcome to use the Center Library.

Bailey-Trespasses Brautigan-Trout Fishing in America Connolly-Deer Run. Curtis-Banjo. Davies-The Alien. Eden-Speak To Me of Love. Gardner-Every Night's a Festival. Harrison-The Light Fantastic. Henle-Death Files for Congr McClure-The Steam Pig MacDougall-Cheerleade Melville-A New Kind of Killer Aorrison-Treehous Whitney-Snowfire.

NON-FICTION

The Rocketeer

Official Weekly Publication

Naval Weapons Center

China Lake Lake, California

RAdm. Henry Suerstedt, Jr

NWC Commander

H. G. Wilson

Technical Director

C. E. Van Hagan

Adams-Six To Break Even. Beck-California. Bennett-Book of Oriental Carpets and Rugs. Berne-What Do You Say After You Say Hello?

Greenbank-The Book of Survival. Mallowan-Early Mesopotamia and Iran. Miall-The Book of Fortune Telling. Neal-How To Keep What You Have. Pauwels-Impossible Possibilities. Pluckrose-Introducing Crayon Techniques. Rentzel-When All the Laughter Died In Sorrow.

Rosenberg-The Illustrated Hassle-free Make Your Own Clothes Book. Rybka-The Number One Success System To Boost Your Earnings in Real Estate.

Sale—The Blackstone Rangers. Selznick—Memo From David O. Selznick. Sunset-Cook Book of Soups and Stews. Topping—Journey Between Two Chinas. Wilmore-Black Religion and Black Radicalism



JEWISH SERVICES EAST WING - ALL FAITH CHAPEL Friday 1st and 3rd ONLY Sabbath Services

Sabbath Schoo 0900 UNITARIANS

CHAPEL ANNEX 95

Services



Applications for positions listed in this column will be accepted from curren NWC employees and should be filed with the persons named in the ad. All others desiring employment with the Naval Veapons Center may contact the Employment Division, Code 652, Extension 2069. Current applications (SF-171) o tandard Form 1972 should be submitted bringing your work history up to date if one has not been submitted within the ast 6 months. The fact that positions are advertised in this column does no preclude the use of other means to fill hese 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 rithout discrimination for any nonmerit reason

Mathematician, GS-1520-7, 9 or 11, PD No. 7340010, Code 4064 - This position is that o' digital systems programmer and digital operations consultant in the Center's Simulation Laboratory. The incumbent does digital computer operating system analysis and programming. Serves as consultant to simulation analysts regarding operation, capabilities and application of digital computer software systems used with analog machines in simulation studies. Does programming to improve and extend Simulation Laboratory equipment system software. Job Relevant Criteria: Familiarity with digital computer fundamentals; ex perience in systems programming; knowledge analog computing equipment and techniques. Minimum Qualification Requirements: As outlined in CSC Handbook

File applications for above with Elizabeth Sodergren, Bldg. 34, Rm. 206, Ph. 2676. Laborer (heavy), WG-3502-3 or Warehouseman, WG-6907-4 of 5 (1 vacancy)

Code 2591 - Performs a number of tasks in connection with the physical receipt, storage or issue of supplies. Receives, checks, stows 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 elements standards in accordance with CSC X-118C. Applicants must submit a supplemental experience statement Forms can be picked up in Room 202, Per sonnel Department. Advancement Potential WG-3 to WG-4 or WG-5; WG-4 to WG-5.

File applications for above with Claire Lewis, Bldg. 34, Rm. 202, Ph. 2723. Budget Clerk, GS-501-3, 4, or 5, PD No.

7317001, Code 173 - The incumbent will work closely with budget analyst assisting in the preparation of overhead and technica budgets. May prepare financial reports, purchase requests, travel orders and time cards. The incumbent may be assigned to one or more of the departments on the Center to provide financial support, by monitoring expenses on job order and customer order umbers. Job Relevant Criteria: Must b familiar with the budget and funding systems used at NWC. Minimum Qualification ents: As defined in CSC Handbook X

Editorial Clerk, GS-1087-5, PD No. 775027 (Continued on Page 7)



30-YEAR PIN-Robert Green, head of the Procurement Section in the Systems Procurement Branch of the Electronic Systems Department's Systems Sciences Division, was the recent recipient of a 30-year Federal Service pin that was presented by Leroy Riggs, department head. Green's Civil Service career, which has included employment at China Lake since June 1946, was preceded by active duty in the Navy from Dec. 3, 1941, to Oct. 13, 1945. In addition to working in Code 35, Green previously was employed as an equipment specialist in the old Aviation Ordnance Department.



OUTGOING CHAIRMAN HONORED-A gavel and plaque bearing the Employee Services Board logotype was presented during the January board meeting to Jules J. Deffes (at right), who served as ESB chairman for the past year. The presentation to Deffes, who heads the Mechanical Division in the NWC Engineering Department, was made by Robert H. Forster, who will succeed Deffes as ESB chairman for 1973. Forster is head of the Special Projects Division in the Electronic Systems Department. The Employee Services Board was established for the purpose of assisting the morale, welfare and recreation programs of the Center.

Theme of Afro-American History Week Announced

American History Week, which little known, contributions of Afrothis year falls during the period of Americans to the history of the Feb. 11-17, will be centered around United States. the theme, "Biography Illuminates the Black Experience."

people, and through people it is Afro-American experience, Mrs. easier to understand movements, institutions, events and life-styles stated Betty Wilkie, acting head of the Center Library, who also noted that throughout the month of February all books at the Center convenient location.

Afro-American History Week was launched in 1926 by Dr. Carter Center Library, readers also will G. Woodson, founder of the find current copies of "Ebony," a Association for the Study of high quality monthly publication African-American Life and which provides a well-rounded

Lecture Slated **On North Fork Of Kern River**

Kern River's north fork will be the topic of a forthcoming lecture. sponsored by the Maturango Museum, to be held next Wednesday, Feb. 7, at 7:30 p.m. in the Richmond School auditorium.

Faye Couch will narrate the Steps Taken To program and will show color slides she has taken of this geologically interesting, but seldom visited, area north of Lake Isabella.

geology of the area, identify the fenced area. major types of trees and shrubs, and will show slides she has taken the park may borrow the gate lock while flying over the entire length keys for one-time use during of the canyon.

the 1969 flood that washed out the the Community Relations Office Kernville bridge. Mrs. Couch is (Code 0231), located in Room 25 of well known to local audiences for the Housing Office building. rainbows, and many other topics. this same office.

The annual observance of Afro- make known the outstanding, but

Patrons of the Center Library have shown a great interest in This biography deals with books about various aspects of the Wilkie noted, and the library has a sizeable amount of reading material on most facets of that experience.

The range of reading levels covered on this subject includes Library pertaining to Afro- many recent books written for American art, history and junior high and young adult literature have been placed in one readers, the acting head of the library noted.

In the magazine racks at the History. It was his ambition to view of contemporary Afro-American life, and "Negro History Bulletin," which contains information on the influence of Afro-Americans on history.

It is the goal of those participating in Afro-American History Week to eventually eliminate misconceptions, harmful stereotypes, legends and folklore about anyone whose ancestors came to this country from Africa, Mrs. Wilkie reported.

Control Vandalism

In an effort to control vandalism at McBride Park, the restrooms at The north fork lies in a 62- this community recreation area on mile-long straight canyon running the Naval Weapons Center have parallel to and west of the Sierra been fenced and locks have been crest. Mrs. Couch will describe the placed on gates leading into the

> Organized groups wishing to use planned events.

She also will include pictures of Such keys can be checked out at

her presentations on Hawaii, Use of McBride Park by large Australia, spring wildflowers, groups also is being scheduled by



Don R. Yocke

Editor Jack C. Lindsey Associate Edito

Jeanne Schreiber Editorial Assistant

PHI D. C. Manderscheid, PH2 R. D. Cox, PH2 D. W. Yeatts, PHAN Jerry across from Center Restaurant. Sizemore, PHAN D. M. Jenereaux, ADJAN Bill Brooks, PHAA Shellie K. Borders Staff Photographers

DEADLINES: ... Tuesday, 4:30 p.m. ... Tuesday, 11:30 a.m. **News Stories** PhotographsTuesday, 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 commerical firm in compliance with NavExos Saturday P35, revised July 1958. Office at Nimitz and Lauritsen. Information published in the Rocketeer does not necessarily reflect the official views of the Department of Defense.

.3354, 3355, 2347 Sunday

Phones

Service.

Agents from both the IRS and the California State Franchise Board will pay a visit to the China Lake Community Center on Wednesday, Feb. 21, from 9 a.m. to 4 p.m., to answer questions and help in completing federal and state income tax returns.

Friday, February 2, 1973

Call Toll Free Phone Number For Tax Help

Local residents who desire tax information from the Internal Revenue Service may now dial a toll-free number to get answers to questions on federal income tax regulations.

The number, 0-800-332-4500, should only be dialed from the local area. Federal tax forms and special pamphlets may be requested and will be sent without charge. However, a fee of 75 cents will be asked for IRS publications No. 17 (Federal Income Tax Guide) and No. 334 (Small Business Man).

Positive or negative comments on the service received by persons using this number are solicited by the Internal Revenue Service. Feedback should be sent to the IRS, 9050 E. Flair Dr., El Monte, CA 91734, marked to the attention of Dale Zemka, Chief, Taxpayer

ROCKETEER Goofs

In an article about NWC Fellowships, published in the Jan. 26 issue of The ROCKETEER. Ronald Painter was incorrectly reported as seeking a master's degree in physics.

Painter earned his MS in physics from Michigan State University in 1968 and is presently a candidate for the Ph.D. degree from the same school.

The ROCKETEER regrets the error.

WHOO-EETHAT SMARTS!-This tiny Chihuahua was one of the 623

canine pets brought by their owners last Friday to the rabies vaccination clinic held on the Naval Weapons Center. Another 532 inoculations were administered at a similar clinic held Saturday at the Ridgecrest park building. Any dog owners who missed the opportunity to have their pets protected against rabies (something that is mandatory in Kern County) can still obtain this service by contacting a veterinarian. Once the inoculation has been administered, the next step is to obtain either a city or county dog license.

PROMOTIONAL OPPORTUNITIES

(Continued from Page 2)

reproduction copy for any type of publication produced by Code 751; forms a synthesis of word and art by putting together galley copy, layouts, paste-ups, compositions, illustrations, is located in the Police Division of the Security and tables; copyedits and marks for composition; operates MSTC and performs narrative and form reports of crimes and Relevant Criteria: Must have a comprehensive knowledge of punctuation and telephone calls; screening and distributing pelling; all Mil Specs affecting Navy mail, filing and timekeeping. Minimum publications; Publishing Division policies on Qualification Requirements: as defined in CSC format; thorough understanding of offset Handbook X-118. Job Relevant Criteria: Must photolithography processes; and familiarity be gualified typist. Must be able to maintain with the nomenclature of scientific and numerous files. Must have working engineering fields. Minimum Qualification knowledge of timekeeping. rements: As outlined in CSC Handbook File applications for above with Charlotte X-118. Potential: GS-6.

Morrison, Code 657, Rm. 212, Ph. 2371. Clerk-Typist, GS-322-3, PD No. 7184023, Code 843 - Hours of work 0700 to 1700. May be required to work some weekends. This position Department. Major duties include typing editorial proofreading and copyholding. Job incidents, general correspondence, and a variety of forms, reports and actions; routing

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NEGOTIATIONS CONCLUDED-Principals involved in recent labor negotiations between the Naval Weapons Center and Local 1781 of the American Federation of Government Employees gathered last week to witness the signing of their new contract by Rear Admiral Henry Suerstedt, Jr. (seated at left), NWC Commander. The current contract, which extends over a three year period, covers 62 Police Division personnel and 9 Civil Service guards. Present for the contract signing ceremony were (standing, from left) William E. Davis, head of the Security Department, who was a member of the management negotiating team; Dean Meyers, alternate steward for the Police Division; Donald E. Eaton, second vice-president of AFGE Local 1781, who was the chief negotiator for the union team; Dan D'Anza, head of the Personnel Department's Employee Management Relations Division, who was the chief negotiator for NWC management; and Stephen Kaupp, head of the NWC Police Division, who was also a member of the management negotiating team. Seated at right is Geraldine Dabbs, president of AFGE Local 1781, who is employed in the Weapons Development Department. The original contract with AFGE Local 1781 was signed on Oct. 28, 1966.

Employee In The Spotlight

Don Moore has been around a long time, if you count the three summers he worked at NWC while he was a student at the California Institute of Technology in Pasadena.

Don was born in Los Angeles and was graduated from El Monte High School in 1945. World War II was still under way and he enlisted in the U.S. Navy "for the duration." which wasn't far off at that time.

Early in 1946, he was offered the choice of going home or staying in the Navy. "I went home," Don says, simply.

He entered CalTech and four years later (1950) he was granted a bachelor's degree in chemistry.

During the summers of 1947, 1948 and 1949, Don came to NWC to work under Dr. Bill McEwan in the Research Department's Chemistry Division. "I worked at a desk calculator," he explained.

After his graduation from analytical chemist with the Dow Chemical Co. in Midland, Mich. He then Dr. McEwan wooed him back to China Lake.

"I started work as a technician in X-ray diffraction under Dr. Lohr conservationist. He thoroughly Burkardt," Don commented.

In 1956, the Chemistry Division installed its first nuclear magnetic takes his family and Scouts on resonance spectrometer and Don nature trips to various points of was placed in charge of the interest on the Mojave Desert. He system, working under Dr. A. G. belongs to the Audubon Society Whittaker, who was then head of the Physical Chemistry Branch. "I've been doing essentially the same thing since that time," Don said. "However, we've recently installed a new machine that is several hundred times more for the group's presentations to sensitive and the work has really elementary students in the local gained a new dimension for me," he added.

The new machine, which cost \$150,000, is half computer and, once set up, operates completely under his work greater scope.

they were both students at El Kern County as a public health Burroughs High School. nurse, and travels around the "Each year we get 8 to 12 of the Health Department business.

were also members of the IWV said. swim team.

belongs to the Burroughs marching vision screening program for the band and the stage band. Tyler past six years. This is a voluntary plays the saxophone and is a testing program aimed at finding

Through the boys, Don has children. worked with Boy Scout Troop 41 The entire family enjoys cammove up."

For the past five years he has neighbors hear that."



Donald W. Moore

taken the Scouts on an annual 50 mile Sierra trip and three years ago began to accompany the boys on a 50 mile canoe trip in the CalTech, Don was hired as an springtime. "The canoe trip was born out of a Troop 41 project of building fiberglass canoes. The worked there for nearly one year, idea grew and now some 40 canoes can be found throughout the neighborhood," he said.

Don is an amateur naturalist and enjoys the backpacking trips with the Boy Scouts and frequently (named for bird scientist J. J Audubon) and the Sierra Club.

In addition, Don has been a Maturango Museum member for many years and frequently is called upon to be a guest lecturer агеа

Although Boy Scouts and the swim team have taken up a lot of his time over the years, Don has not neglected his community or the computer control. Small wonder Naval Weapons Center. He served that Don is excited, as this gives on the Community Council for four years, two of them (1957 and 1958) Don met his wife, Patricia, while as president, and this year is a member of NWC's Recruitment Monte High School. She waited for Panel. While serving on the him until he had completed his Community Council, he was one of education before they were the developers of the Employees' married. Putting the time to good Health Insurance Program and as use. Patricia underwent nurses a member of Research Society of training at Huntington Memorial America (RESA) he was a Hospital in Pasadena, and re- collaborator on the development of ceived her registered nurses' the Work Experience Program credentials. She is employed by that is still being carried out at

eastern section of the county on students out of that program in the Research Department, so it was The couple has three boys: worth it," he stated. Don also was Gregory, 19, a classics major at president of the local RESA University of California, Irvine, chapter last year and this year he where he is a sophomore; Chris, 16, is chairman of the Mojave Desert a junior at Burroughs High School; Section of the American Chemical and Tyler, 12, a seventh grader at Society. "I'm a past member of the Murray School. All three boys have American Association for the been in the Boy Scout program and Advancement of Science, too," he

Patricia has been in charge of Chris plays the trumpet and the China Lake PTA's pre-school member of Murray School band. visual defects in pre-school age

since 1964. He has been the ping and beekeeping. "We've got assistant Scoutmaster all this time seven hives in our backyard at the and says he "... has no desire to moment, but we'll be moving them soon," Don chuckled. "Be sure our

ROCKETEER

Page Six

In

Beach.

The

Friday, February 2, 1973

Stars Top Suns in Heavy Youth League Cage Action

Basketball League's Junior game of the year over the Queens, Division with a 3-2 record, downed 22-14. In game No. 3, the the Suns, 36-31, during cage action Renegades whipped the Outlaws, this past Tuesday.

A pair of Intermediate Division Saturday. The Bears whipped the Huskies, 17-12, and the Spartans bounced the Bruins, 22-19.

In the first of two Junior Division games on the same day, the Trail George Bowles was in good form 36-27.

a pair of Senior Division contests. Lanes. In the first game, the 76ers Ray Freascher and Chuck

Division contests.

Intermediate Division tilt, and the evening. Cavaliers outlasted the Braves, 29- Other fine scores included a 243 22, in a Junior Division game.

The evening closed with a pair of Senior Division hooplas. The Bucks singer. trounced the Royals, 45-21, and the 76ers nipped the Bullets, 61-59.

Two High School Division games down the Celtics, 56-53, while the Knicks edged the Pistons, 51-48.

Three Girls' Basketball Division games were played on Monday evening at the Center Gym. The Sharks upped their divisiondefeating the Bombers, 36-14, and Sport Fishing Regs Available Feb. 4

Copies of the 1973 sport fishing regulations booklet will be available from Department of Fish and Game offices and license agents throughout the state some time during the period of Feb. 4 to 10, the DFG announced.

games initiated league play last Bowles Bangs 675 Series To Lead **Premier Bowlers**

Blazers blotted out the Suns, 42-21, last Monday evening as he banged and the Rockets blasted the Stars, out a 675 series on games of 226 and 257 to lead the scoring in the These two tilts were followed by Premier Bowling League at Hall

whomped the Bucks, 48-30, and the Roulund each posted totals of 635 to Bullets shot past the Hawks, 60-42. tie for runner-up laurels. Rounding out Youth League hoop Freascher shot games of 220 and play last Saturday, the Warriors 227, while Roulund scored with a dunked the Lakers, 68-52, and the 245 and a 200. Jim Bowen's 627 Celtics hacked-up the Knicks, 62- included games of 204 and 231 and 48, in a couple of High School Joe Koksenski pounded the pocket (seven in a row in the second Opening the court action on game) for a 615 series. Doug Friday, Jan. 26, the Cougars Fisher tallied 602. Fisher also clawed the Indians, 15-10, in an converted the 4-6-7 split during the

> by Dick Bauers, 242 for Dwight Bartlett, and 236 for Chuck Cut-

Women's Scratch

a 207 game and a 564 series to lead played last week saw the Warriors the scoring in this league. Mary Jane Clark managed a 545, including a big 246 game, and Pat Maddux registered a 534.

Peggy Perridge banged out a 533 set and Charlotte DeMarco's 532 included a 205 effort. Lou Richno leading record to 2 and 0 by rolled a 203 game and a 522 series.

> Pat Brightwell led the scoring with a 608 series that included games of 207 and 223. Doris Boyack held a hot hand, tallying 572. Aaron Kane gave the men something to shout about with a 232 game.

> John Shepard blasted the pins for scoring. Chuck Christly rolled his Brown won series honors with 617. He also shot a 223 single. Norm Diede racked up 202 single game

Sports Banquet Scheduled By

The Command Administration **Department's Special Services** Division, headed by O. A. "Gabe" NWC Banquet of Champions tomorrow night at the Chief Petty

this for some time, and I feel that this is a good way to recognize some of the men who have made outstanding contributions to the Center's athletic programs over the years," said Imer.

The Stars, leaders of the Youth the Thunderbirds won their first 19-17

Darlene Herbstreit smashed out

Friday Mixed 4-Some

Sunday Sinners

a 256 game to lead last week's first big game, a 202, and Claude effort.

Special Services

Officers' Club.

The affair will get under way with a no host cocktail hour from 6:30 to 7:30 o'clock and then a prime rib dinner will be served. Following the dinner, there will be an awards presentation, highlighted by the induction of six China Lake athletes into a special "Hall of Fame," and the selection of an "Athlete of the Year."

More than 125 persons have been invited by the Special Services Division to participate in the banquet, which is slated to become an annual affair.

"We have been thinking of doing

Catbird Seat / By Jack Lindsey Orville Moody, the "Old Sarge" on the professional golfers' tour, let the pressure get to him in the Bing Crosby "clambake" that concluded last Sunday at Pebble

Soda pop in hand, I slouched before the TV set and casually remarked to my daughter seconds before Moody missed the crucial 2ft. putt on Hole No. 18 that I felt the golfer was quaking in his shoes. I could pick up the vibrations clear in my den from the wind-blown course near the Monterey seaside.

nwc rocketeer SPORTS

Sure enough, he blew the short putt and the tournament went into a sudden-death playoff between Moody, Jack Nicklaus and Ray Floyd. At that moment I became a "big expert" in my family. I predicted that Nicklaus would win the tournament by birdieing the first extra hole, and I was correct.

Now my family all think daddy's a big deal. But that was an easy prediction. Nicklaus is a calm, dedicated, confident, physically near-perfect golfer. The rest of the professionals on the tour KNOW that you just don't give him a second chance at you. Moody now knows this, too.

I felt sorry for the Old Sarge. He hasn't won anything on the tour since winning the U.S. Open in 1969. He's had a lot of problems in the past year or two, but after watching him play Sunday on the tube I think that the golfing world had better not write him off too soon. He's back . . . and I think he's going to give them all a lot of trouble.

In order to solidify my reputation now as an oracle, I would like to make one further prediction -I think that the golfers on the Western Tournament Golf Association tour had better look out for young Pat McDonald. Pat between a pair of Division B-1 has always been a good "striker" games on Thursday, Jan. 25. Jim of the ball and his drives are Tyrrell, of the Ensigns, scored 29 tremendous. He showed last week when he led the third event of the year after the first day (he finally finished fourth) that he can chip, points were to no avail as his team, and putt with the best of them.

Pat is going to do some big things in the years to come. I don't think they can keep him from it. He's got confidence now and his attitude is simply beautiful. The big test for Pat will come later this year when he makes his second attempt at qualifying for the big tour at the PGA Tournament Players School.

By the way, if you read the article in The Daily Independent about Pat and were a little surprised that he hasn't won anything at China Lake, the reporter who wrote that piece was obviously misinformed. Although Pat has not won the club championship here, he has won many smaller events. (Continued on Page 8)



completely submerged in water during a training session of the 6-17 month old "Tiny Tots" swim class, operated by Special Services at the Center gymnasium. Mrs. Adrienne Swinford is the instructor of this class, as well as two others for infants. Classes are held for tots 18-30 months of age and also for those between the ages of 30 and 48 months. The unidentified coach wisely kept her head out of the -Photo by PHAN D. M. Jenereaux water

HEY, WAIT A MIN ... BLURB! - The finy novice swimmer is

Blazers Have ConTel's Number In Division A of Basketball League

The Blazers, who sport a 5-1 Basketball action the night record in Division A of the China before saw the undefeated Tweets Lake Intramural Basketball crush the Communications cagers, League, defeated Continental 50-41, in a Division B-2 encounter. Telephone Tuesday evening in the The Tweets dominate the division final quarter, 68-61, to hold onto second place in the division.

points, the Blazers nearly lost the defeated Comarco, 39-30, with the game in the third period, but broke help of Dick Hanson's 13 points. loose for 25 points in the final quarter to put the game on ice. Warren Turnbaugh turned in 18 tallies for the losers.

In the opening game Tuesday defeated the cellar-dwelling 43-27. Comarco quintet, 36-32. Huff 'n puff action between two teams in the Rockin' Chair Division saw the Gentlemen destroy the Dirty Dozen, 51-14. The Gentlemen now lead the division with a 5-1 record, while the Over-the-Hill-Gang are in second place with a 4-1 slate.

Loewen's Lions squeaked by the Ensigns, 75-73, in a Division A cage encounter that was sandwiched in points in a losing effort.

In the opening game of the evening, Dave Fallgatter's 12, the Hustlers, was edged by Duke-72, 36-34. In the third game, the Dispensary cagers barely made it past the Snarfs, winning 52-51. The Docs lead the division with a perfect 5-0 record. The Snarfs, in second place, sport a 4-1 slate.

League Slates Election

The Indian Wells Valley Pony-Colt League will hold an election of officers during a business meeting next Wednesday, at 7:30 p.m., at Las Flores School in Ridgecrest.

All persons interested in working in the Pony-Colt leagues this year are invited to participate.

with a 5 and 0 record.

Supply's cage squad, holders of Led by Cary Dabbs with 22 second place in Division B-2,

The third game of the evening saw George Linsteadt tally 15 points for The Gentlemen in an upset victory against the Over-the-Hill Gang. The Gentlemen ran night, the Communications cagers away with the contest to win easily,



FOUR ON TWO - The Blazers defeated Continental Telephone, 68-61, in a Division A tilt of the China Lake Intramural Basketball League Tuesday and perhaps this photo shows why. Steve Quinton (shooting a basket) is surrounded by three of his teammates, while only two ConTel men defend the basket. The players are, left to right: Benny McCargo, Blazers; Mike Sorge and John Martin of Continental; Dale Dowd, Quinton and Vic Jensen, all of the Blazers. available.

lifetime.

personal items.

"We're planning to run an ex- highlight of the next meeting of the periment this spring with the First China Lake Astronomical Society. Fleet using the Chemlites to mark The meeting, scheduled at 7:30 the superstructure of a small ship p.m. Monday, will be held in the so that a helicopter may hover society's clubhouse, 401-A McIntire above the ship in order to take off a St., China Lake. sick crew member or other per- The movie summarizes man's sonnel." Little said. "We will use study of the moon up to the Apollo three or four of the lights, probably 11 landing, and covers the major placed in the shape of a 'T', so that items learned from scientific inthe pilot will be given some sort of struments left on the lunar surface. a depth perception," he explained. All interested persons are invited Little stated that his group plans to attend.

ROCKETEER

Chemlites Big Help in Emergencies...

(Continued from Page 1)

Richter and Ruth Tedrick (the patent holders for the current type of Chemlite) red and possibly infra-red fluorescers are being prepared by Dr. Henry for use in Chemlites. At the present, yellow, orange and green have successfully passed the simulated 5year storage tests, and are now

These colors are divided into three degrees of brightness - Mod O, which is very bright and has a short lifetime; Mod 1, which is moderate in both brightness and lifetime; and Mod 2, which is of a low brightness and has a long

The relative duration of the Chemlite is controlled by a catalyst contained in the glass ampules. although temperature also has some effect on intensity and duration of the light. Mod 2 may last up to a practical maximum of 12 hours, while Mod O may only last a few minutes.

Other Chemlite Uses

The emergency situations described in the opening paragraphs indicate some uses for Chemlite. Others include signalling and directing traffic in emergencies, use with boating safety equipment, such as tied to life jackets; as emergency markers for navigational hazards, or as under water lighting. They may also be used as a working light in any weather for map reading, or to identify small objects or lost

The U.S. Navy has evaluated Chemlites for use at night when a supply vessel is tied up to another ship during a supply transfer from ship to ship. Chemlites were attached to the high line, primarily to keep cargo out of the water.

The U.S. Air Force recently used Chemlites to mark supplies dropped by parachute from cargo aircraft in evaluation tests, and the U.S. Forest Service wants the small lights to mark roads.

"The Forest Service has more roads than all the paved highways in the United States," said Little. "They recently ran some evaluation tests with the Chemlites to mark roads in mountainous areas and to indicate hazardous road conditions. Now they want more of them for use," he added. The U.S. Army recently ran other tests wherein they used Chemlites for truck convoy markings and considered the use very practical.

Little stated that all of the remote areas. "I have a letter on cluding aluminum pop-top cans my desk from the U.S. Coast Guard Astronomers asking for facts about the lights. planning to put the lights on board "The Moon, Old and New." a Little commented.



of the two scientists who invented the present version of the NWC Chemlite, tests various chemicals for impurities prior to making one -Photo by PH2 Dave Cox of the illuminating devices.

canister that will place a large American Cyanamid device had carpet of light on water so that helicopters may have a fixed point for hovering when picking up people. "We call it a surface illumination marker and it works equally well in oceans or lakes," he

Other experiments in the works include making a better protective container and improving the design. The present device is 1/2 in. in diameter, 6 in. in length and is made of radiated polyolefin. It is placed in a small protective container similar to the ones used by cigar makers.

According to Dr. Heller, chemiuminescence is still in its infancy relative to pyrotechnics or electric lights. "We can easily forsee ten times the light we have now, additional colors and even an on-off capability," said Dr. Heller. "We chemists at NWC hope to continue our lead in this field." he added. Chemlite was developed by the Naval Weapons Center and is based upon a chemilumenescent reaction which was discovered by the American Cyanamid Co. while working under a Navy contract. Since the first stages nearly 10 military services have used the years ago, many different forms of lights while conducting landings in emergency lights were tried, in-

and I understand that the To Show NASA American Cyanamid Co. (develo-pers of a similar chemical light) is **Film Monday**

commercial air carriers. NASA color film from the National has also been looking at them," Aeronautics and Space Administration (NASA), will be the

to further develop an 18 in. by 3 in. . and plastic envelopes. The two components at opposite ends of the plastic bag separated in the center. However, these devices did not store well.

> In 1970, the idea of using a plastic tube occurred to personnel at independently, resulting in both a George Washington University. commercial and a military device. Upon his graduation from

> be stored from 5 to 10 years without pleted his year-long medical inmuch loss of light. However, ac- ternship at the Naval Hospital in cording to Richter, it has required San Diego before being assigned to a great deal of research in that the the Naval Hospital at Oakland for chemicals are very sensitive.

the Chemlites at the present time is about the same as that from a 2-D Division. cell battery flashlight, but has no Richter said.



graduated from Burroughs High Diego Naval Hospital. School in 1952 (when his father, then Capt. Walter V. R. Vieweg, was Commander of the Naval Ordnance Test Station) will return to China Lake next week to par- well as a follow up report on this ticipate in a program on health problems of sedentary-type work-

Cdr. Vieweg, who is now director of the Cardiac Catheterization Laboratory at the Naval Hospital in San Diego, will be the featured speaker at the Thursday, Feb. 8, meeting of the American Society for Public Administration.

The meeting, a luncheon affair, will be held at the Commissioned Officers' Mess, beginning at 11:30 a.m.

Cdr. Vieweg, a cardiologist who is interested in preventive medicine, will discuss some of the things that can be done to avoid coronary-type problems; the care of patients with cardiac conditions. and also will report on current research work in this field.

He will be joined at the speaker's stand by Dr. A. G. Shedlock, acting head of Industrial Medicine at the Naval Weapons Center, who will tell about the counseling being provided at the NWC Dispensary for employees who are plagued by overweight, hypertension and arteriosclerotic problems

Cdr. Vieweg, a 1957 graduate of the U.S. Naval Academy, completed four years of sea duty and then resigned his commission to American Cyanamid and NWC enter the School of Medicine at

The present NWC Chemlite can medical school in 1965, he comthree years, where he remained The amount of light emitted from until being sent to Vietnam for a Kern Regional brief time with the Third Marine

Returning from overseas, he was on-off capability. "It is more assigned to the Cardiology Branch Local Office rugged than a flashlight, though, of the Naval Hospital at Bethesda, and can be stored much longer," Md., and was stationed there until Regional Center has been last July when he was transferred



HEADS OPTICS SHOP-Joe Shaffer, formerly an employee for 181/2 years at the Anaheim plant of the Northrop Corp., is the new head of the NWC Optics Shop. He replaces Ralph Dietz, who retired. Shaffer brings to the Center a wide range of experience in the manufacture of precision optical components and systems. Both he and Don Bevis are available at the Optics Shop (Code 6042) for consultation concerning the design and fabrication of components and systems.

A Navy doctor who was to his present post at the San

Included among Cdr. Vieweg's published papers is a review of his 16 months' experience with the Navy's first coronary care unit, as experience.

In addition, he has ready for



Cdr. W. V. R. Vieweg

publication a paper on a proposal to lower the coronary artery disease problem in active Naval and Marine Corps personnel, as well as another on the impact of coronary artery disease on Navy and Marine Corps personnel.

Cdr. Vieweg is a member of both the American College of Physicians and the American College of Cardiology, as well as the American Medical Association. He also belongs to the Association of Military Surgeons of the U.S. and the American Heart Association

He is married to the former Nina Burks, daughter of Capt. J. B. Burks, USN, who served at the Naval Air Facility, China Lake, from 1949 to '51. His father, Rear Adm. Walter V. R. Vieweg, USN (Ret.) died on March 20, 1960.

Center Opens

A local office of the Kern established and is now in operation at 218 N. Sanders St., Ridgecrest.

Claudia Stringham, a community aide, is in charge of this office, and can be contacted by calling 375-4471 on week days between the hours of 8:30 a.m. and 5 p.m.

A regular visitor at the Ridgecrest office is Roger Cook, a counselor from the Kern Regional Center in Bakersfield, who is assigned to this area.

The Kern Regional Center is one of several such facilities set up throughout the state to provide individual counseling to assist the parents of mentally retarded or developmentally disabled children.

The Regional Center and its representatives can make arrangements for diagnostic service, or can set the wheels in motion to purchase services needed in the development of a program to assist handicapped children.

Parents of such youngsters are invited and encouraged to register them at the local field office of the Kern Regional Center so that plans can be made to organize programs of assistance for handicapped children or young adults.

Page Four



PRAYER BREAKFAST PARTICIPANTS - This year's local observance of the National Prayer Breakfast was arranged under the leadership of Bob Forster (at left), chairman of the event. Among those who Forster called upon to handle various parts on the program were (from left) Army Lt. Col. Richard F. Boyd, Capt. Robert S. Moore, H. G. Wilson, the Rev. George Linsteadt, LCdr. Floyd R. -Photo by PH1 D. C. Manderscheid Castillo and AT1 Ray R. Davis.

Local Observance of National **Prayer Breakfast Held Feb. 1**

hearts and souls - something that Wilson, NWC Technical Director, private.") cannot be relieved by vacations pointed out that prayer is observance of National Prayer purpose of recognizing the moral Breakfast.

The inspirational address was this nation was founded. given by the Rev. George Lin- He quoted a prayer once spoken steadt, deacon of St. Michael's by President Abraham Lincoln the Heavens," was read by Capt. Episcopal Church in Ridgecrest. who petitioned: "Let us pray that An NWC employee, Rev. Linsteadt the God of our fathers will not Officer of the Naval Air Facility. if they were only three nano- Crystal Growth heads the Technology Utilization forsake us now.' Office in the Systems Development Brief recorded messages from Department's Technology President Richard Nixon and the Rev. Milton Martin, associate Development Division.

character, nor is it a question of tendance at the National Prayer Mary, and followed by two songs training. It is a matter of choice, a Breakfast. matter of your own free will," Rev. "Today there is no challenge barbershop quartet harmony

love," Rev. Linsteadt urged those in attendance at the National Prayer Breakfast.

"They who wait for the Lord shall renew their strength. They shall mount up with wings like eagles. They shall run and not be weary, and they shall walk and not faint," the speaker quoted from the Bible

"The secret of the renewal of strength is in learning to wait upon the Lord, to become responsive to Him. The secret is in a personal relationship with God. The secret is in the source of His power love," Rev. Linsteadt continued.

"The real power which God uses to renew the strength of tired people is the power of His love . . . No one is hopeless, for - especially in our time of what seems to be hopelessness - God is always near," Rev. Linsteadt said in closing.

Held at the Chief Petty Officers' Club, this local observance of the National Prayer Breakfast was attended by a capacity crowd of nearly 200 persons.

As master of ceremonies, Lt. Col. Richard F. Boyd, Army Liaison officer at NWC, introduced first LCdr. Floyd R. Castillo, Supply Department head of staff, and then AT1 Ray R. Davis, NWC's Bluejacket of the Year for 1972, who gave the invocation and led the pledge of allegiance to the flag, respectively.

and spiritual values upon which

Secretary of Defense Melvin Laird "Strength is not a question of also were heard by those in at- Church in Ridgecrest, and his wife,

Linsteadt counseled his listeners. greater than that to the spirit of group composed of Mrs. Jan "Today, during a moment of America as we seek peace," the Arisman, Mrs. Janet Hamilton, peace, let us stop to renew our President noted in his remarks, Mrs. Eleanor Hartwig and Mrs. Division, concluded the National strength, stop to collect our wits, while Laird stressed: "We can't Paula Seewoster. stop to lift up our hearts, stop to expect God to honor our public The benediction by Robert A.

A message about tiredness of In opening remarks, H. G. endeavors if we don't honor Him in

and more leisure time hours - and something that has become a part tinued by calling attention to resolve different detonation how to find relief by turning sin- of this nation's heritage, and it was America's spiritual origin, and phenomena cerely to the Lord was presented in recognition of this fact that the cited the importance of prayer as a Thursday morning during the National Prayer Breakfast has bulwark of the spiritual values laymen's terms. "Suppose you had Naval Weapons Center's annual become an annual event for the which the citizens of this nation a light that was blinking on and off have inherited.

> A scripture reading from the Bible (Isaiah Chapter 40:26-31), which urges "Lift up your eyes to Robert S. Moore, Commanding The reading was preceded by vocal music selections - duets sung by pastor of the Immanuel Baptist by "The Impetuettes," a women's

Camera Expert Aids Italians...

(Continued from Page 1) the Italian government.

Two topics of discussion ighlighted the meetings, which took place at the explosives production plant and test facility of SNIA at Colleferro, and at a new test facility located near the town of Frascatti. The principal subjects aired were the optics of explosives, and explosive research nstrumentation.

According to Greene, the Italian test facilities are "not large," and they do not have the extensive range perimeters found at NWC. "However, they are going about the business of explosives research in a very professional manner," he said.

The Italian government only recently began to delve deeply into this type of research, Greene stated. "They haven't had the facilities until now," he noted.

The high speed cameras discussed by Greene have recently been purchased by the Italian government. They are capable of operating at a maximum rate of 5 million pictures per second and The Secretary of Defense con- will give the user the means to

Greene explained the cameras in at a very high speed. The streak camera would record the light as a series of dots along the film, each dot representing one burst of light. With the streak camera it is possible to separate the dots, even seconds apart." (A nanosecond is measured as one light foot, or more simply, the time it would take light to travel one foot in distance.)

Leonard, senior electronic tech- state. nician in the Radar Systems Branch of the Electronic Systems Department's Electronic Warfare Prayer Breakfast observance and more reliable metals for naval

Flash X-ray equipment, (which Greene also explained) allows scientists a look at what's happening inside something detonating. Greene's expertise also covered the use of flash X-ray and various other electronic instrumentation to record detonation

The typical exposure with flash X-ray is about 50 nanoseconds. "A classic use of this equipment is the recording (on film) of fragments inside a smoke cloud, which can not be observed by a camera," Greene explained. "When a weapon explodes, the case begins to come apart and black smoke pours out, obscuring fragments. Flash X-ray allows the user to see these fragments," he added.

Greene was graduated from Bucknell University, Lewisburg, Pa., with a bachelor's degree in electrical engineering and joined Sandia Corporation in June 1957. He came to NWC as an electronics engineer with the Research Department's Chemistry Division in February 1964, and transferred to the Propulsion Development Department's Applied Research and Processing Division (called the Explosives and Pyrotechnics Division then) in 1968.

His job title was changed from electronics engineer to physicist in

Naval Scientists Can Now Study

Scientists at the Naval Research Laboratory in Washington, D.C., have developed a holographic system that enables them to study crystal growth from the molten

A better understanding of crystal growth in molten metals is expected to enable metallurgists to find methods of producing stronger applications



AN IMPORTANT FIRST STEP on the way to achieving the \$10,000 goal set for development of a golf driving range and miniature golf course in Ridgecrest was taken Sunday afternoon at the Desert Empire Fairgrounds. Joshua Community Hall was the setting for a 5-hour Radiothon, broadcast over Radio Station KLOA, which fairgrounds during this fund-raising event had the opportunity to ride an American Legion version of the World War I vintage French 40 and 8 trains on a short jaunt from the fair's permanent exhibit building to and from the nearby golf complex to inspect work that has already been completed on this new recreation facility. Among

entertainers who donated their time and effort to help in this Ridgecrest Improvement Committee community venture were the Burroughs High madrigal singers, directed by Alan Kubik (top right photo); Susan Rungo, Miss Ridgecrest-China Lake, shown vocalizing (lower left photo) with the backing of members of "The Iron Horse," brought in cash and pledges totalling \$3,300. Visitors to the a local musical group; and the Medallions (lower right photo), a barbershop harmony quartet composed of Clay Panlaqui, Ray Becker, Warren Stump and Henry Wair. Seen in another photo (lower center) are Councilman Rex Shacklett and Ted Edwards, RIC co-chairmen, and Blaine Davies, announcer for Station KLOA, as they reported on returns in the fund-raising drive.

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Highly Successful Air Show Held at Inyokern



BULLSEYE! The nearby target panel was just a few feet away when this 'chutist, one of eight members of the Navy's Exhibition Parchute Team, landed.



AMONG EXPERIMENTAL-TYPE aircraft on display at the 2nd annual Air Fair at Inyokern airport was the midget Mustang brought here by Charlie Lynn, of Lancaster. Just beyond it is a World War II model Corsair flown in by Bob Guilford of Beverly Hills. Also visible is one of two hot air balloons that were inflated, hovered over the air field and then drifted westward with the wind. The fearless balloon pilots were Ted Farrell, of Los Angeles, and Joe Sloan, of Lynwood.



COLORFUL CANOPIES designed especially for the exhibition drops were clearly visible in the desert sky. The parachutists also trailed smoke during a portion of their descent.



NAVAL AVIATORS from China Lake opened the air show with a demonstration of formation fly-



RICKY WRIGHT emerged as the grand champion of the model glider contest which preceded the air show portion of Saturday's Air Fair at Inyokern airport. Winner in the 13-14 year old class, young Wright's entry had the best overall flight time — a mark of 30 sec. in the contest. He is flanked by Susan Rungo (at left), Miss Ridgecrest-China Lake, and Kathy Flynn, Miss Marine Corps League.



A POPULAR ATTRACTION at the Air Fair was this miniature helicopter, called the Scorpion One, which was put through its paces in the air by Al Newell, of the Roto Wing Co.



A REAL CROWD PLEASER was Myra Slovak, one of the top aerobatic pilots in the country, whose inverted passes flown close to the ground thrilled onlookers.



TOP ATTRACTIONS at last Saturday's Air Fair were members of the Navy's eight-man Exhibition Parachute Team from Coronado - two of whom are shown moments after landing.



A THRONG estimated at more than 2,000 persons attended the Air Fair, sponsored by the High Desert Detachment of the Marine Corps League with assistance from the Civil Air Patrol, the China Lake Glider Club and the Experimental Aircraft Club. Money brought in by donations for attendance will help underwrite the expense involved in training a blind Marine and his canine companion at a school for guide dogs for the blind.